SERVICE MANUAL

AA-2D CHASSIS

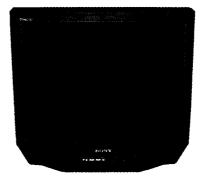
<u>MODEL</u>	COMMANDER	DEST.	CHASSIS NO.
KV-27S22	RM-Y135A	US	SCC-K96D-A
KV-27S22	RM-Y135A	CND	SCC-K97C-A
KV-27S26	RM-Y136A	US	SCC-K96P-A
KV-27S26	RM-Y136A	CND	SCC-K97L-A
KV-27S36	RM-Y136A	US	SCC-K96Q-A
KV-27S36	RM-Y136A	CND	SCC-K97M-A
KV-29PS2	RM-Y135A	MX	SCC-N02A-A
KV-29RS22	RM-Y135A	E	SCC-K98C-A
KV-29RS22C	RM-Y135A	E	SCC-K98B-A
KV-29RS26	RM-Y136A	E	SCC-K98M-A
KV-29RS26C	RM-Y136A	E	SCC-K98N-A
KV-29SD2	RM-Y135A	E	SCC-K98D-A

Note Adjustment Manual for this model is published separately

	Adjustment Manual
Part No.	9-965-829-01



RM-Y136A



KV-27S36







SPECIFICATIONS

For all models:

Television system American TV standard

Channel coverage VHF 2-13

UHF 14-69 CATV 1-125

Antenna 75-ohm external antenna terminal for VHF / UHF

Picture tube Hi-Black Trinitron® tube

For specific models:

	KV-27S22/29PS2/ 29RS22/29SD2	KV-27S26/ 29RS26	KV-27S36	KV-29RS22C	KV-29RS26C
Screen Size (measured diagonally)	27 ınch	27 inch	27 inch	27 inch	27 inch
Power requirements	120V, 60Hz	120V, 60Hz	120V, 60Hz	220V, 50/60Hz	220V, 50/60Hz
Number of inputs/outputs					
Video (1)	1	2	2	1	2
S video (2)	0	1	1	0	1
Audio (3)	1	2	2	1	2
Audio out (4)	1	1	1	1	1
Speaker output (W)	5W x 2				
Power consumption (W) When in use (Max.) In Standby	160W 9W	165W 9W	180W 9W	160W 9W	165W 9W
Dimensions (W/H/D) (mm)	660 4 x 602 5 x 521 2 mm	660 4 x 602 5 x 521 2 mm	660 4 x 602 5 x 521 2 mm	660 4 x 602 5 x 521 2 mm	660 4 x 602 5 x 521 2 mm
(ın.)	26 x 23 ^{3/4} x 20 ^{5/8} in	26 x 23 ^{3/4} x 20 ^{5/8} in.			
Mass (kg) (lb)	40 6 kg 89 lbs 8oz	41 kg 90 lbs 7oz	42 kg 92 lbs 10oz	40 6 kg 89 lbs 8oz	41kg 90 lbs 7oz
Supplied accessories Remote commander (w/ 2 size AA (R6) batteries)	RM-Y135A	RM-Y136A	RM-Y136A	RM-Y135A	RM-Y136A

^{(1) 1} Vp-p, 75 ohms unbalanced, sync negative

Optional accessories

Connecting cables VMC-810S/820S, VMC-720M, YC-15V/30V, RK-74A TV Stand SU-27A U/V mixer EAC-66

** Design and specifications are subject to change without notice

(●)® SRS (SOUND RETRIEVAL SYSTEM)

The (●) SRS (SOUND RETRIEVAL SYSTEM) is manufactured by Sony Corporation under license from SRS Labs, Inc. It is covered by U.S. Patent No 4,748,669 Other U.S. and foreign patents pending

The word "SRS" and the SRS symbol (●) are registered trademarks of SRS Labs, Inc

⁽²⁾ Y 1 Vp-p, 75 ohms unbalanced, sync negative C 0 286 Vp-p (Burst signal), 75 ohms

^{(3) 500} mVrms (100% modulation), Impedance 47 kilohms

⁽⁴⁾ More than 408 mVrms at the maximum volume setting (variable) More than 408mVrms (fix), Impedance 50 kilohms

SAFETY CHECK-OUT (US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer

- 1 Check the area of your repair for unsoldered or poorlysoldered connections Check the entire board surface for solder splashes and bridges
- 2 Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors
- 3 Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced Be absolutely certain that you have replaced all the insulators
- 4 Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair Point them out to the customer and recommend their replacement
- 5 Look for parts which, though functioning, show obvious signs of deterioration Point them out to the customer and recommend their replacement
- 6 Check the line cords for cracks and abrasion Recommend the replacement of any such line cord to the customer
- 7 Check the B+ and HV to see if they are specified values Make sure your instruments are accurate, be suspicious of your HV meter if sets always have low HV
- 8 Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage Check leakage as described below

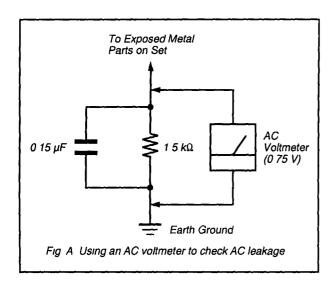
LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampere) Leakage current can be measured by any one of three methods

- 1 A commercial leakage tester, such as the Simpson 229 or RCA WT-540A Follow the manufacturers' instructions to use these instructions
- 2 A battery-operated AC milliammeter The Data Precision 245 digital multimeter is suitable for this job
- 3 Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground, the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)



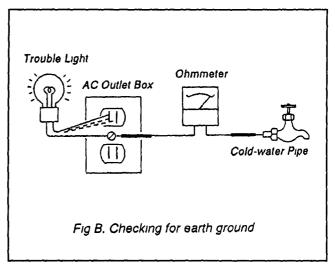


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CAUTION!

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE

SAFETY-RELATED COMPONENT WARNING!!

PARTS LIST ARE CRITICAL FOR SAFE OPERATION REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER **OPERATION IS SUSPECTED**

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE **CATHODIQUE**

ATTENTION!!

AFIN D'EVITER TOUT RESQUE D'ELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISE LORS DE TOUT DEPANNAGE LE CHASSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION **SECTEUR**

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!

COMPONENTS IDENTIFIED BY SHADING AND MARK A ON LES COMPOSANTS IDENTIFIES PAR UNETRAME ET PAR UNE MARQUE THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE A SUR LES SCHEMAS DE PRINCIPE, LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNEIMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMERO DE PIECE EST INDIQUE DANS LE PRESENT MANUEL OU DANS DES SUPPLEMENTS PUBLIES PAR SONY LES REGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT SONT IDENTI-FIES DANS LE PRESENT MANUEL SUIVRE CES PROCEDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONTIONNEMENT SUSPECTE

AUDIO LIGITORY

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Coaxial cabte

The instructions mentioned here are partial abstracts from the Operating Instruction Manual

SECTION 1 GENERAL

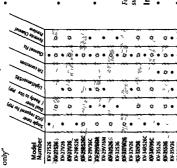
The page numbers shown reflect those of the Operating instruction Manual

■ Welcome!

Thank you for purchasing the Sony Trinitron* Color TV This manual is written for the models listed below. Before reading, check the model number on the rear of your TV

purposes. The screens displayed are for model KV-3SV36. Differences in operation features are undicated in the text, for example, "KV-27S26 only".

Operate the TV only on 220 V AC (KV-29RS26C 29V36C



Precautions

Operate the TV only on 128 V AC (except KV-29RS26C, 29V36C, 34RS26C Safety

- The plug is designed, for safety purposes to fit in the wall outlet only one way. If you are unable to insert the plug fully into the outlet contact your dealer (except KV-29RS26C 29V36C 94RS26C
- If any liquid or solid object should fall inside the cabinet, unplug the TV immediately and have it checked by qualified personnel before operating it further. 34V36C)
 - If you will not be using the TV for several days, disconnect power by pulling the plug itself Never pull on the cord

For details concerning safety precautions see the supplied leaflet "IMPORTANT SAFEGUARDS"

Installing

- To prevent internal heat build-up do not block the ventilation openings
 Do not install the TV in a hot or humid place, or in a place subject to excessive dust or mechanical vibration

Using This Manual

This manual is divided into four major sections. We recommend that you carefully review the contents of each section in the order provided to ensure that you fully understand the operation of your new TV

connect your new components, connect to This section will guide you through your initial set up. It will show you how to your antenna or cable and connect any 1 Connecting and installing the TV accessories

needed to operate your new TV. It will show you how to operate special functions This section will teach you the basic skills of the remote control 2 Basic Set Up

This section will show you how to begin using your new TV It will show you how to use the AUTO SET UP feature and how Using your New TV

Adjusting your Set Up (menus)
This section will teach you how to access to use your remote control s features

on-screen menus and adjust your TV s

Instructsons in this manual are written for the remote control. Similar controls may be found on the TV console

Press onto connection

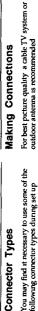
Sony Link connector (only available on Sony products) for simultaneous control of your

components

S-Link Cable

Connecting and Installing the TV

Connector Types



· VHF TID

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The connection you choose will depend on the cable found in your home. Newer homes will be equipped with standard coaxal cable (see Al., older homes will probably have 300-ohm twin lead cable (see B.) still other homes may contain both (see B.). Connecting directly to cable or an antenna

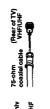
Plug Type

Standard TV Cable and Antenna connector

Coaxial Cable

EAC-66 U/V mixe

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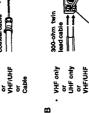
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Align guides and press onto connection

Audio/Video Cable Conventional Audio/Video cable

High quality Video connector for enhanced picture quality

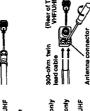
S Video Cable



Press onto connection Yellow - Video

Whate - Audio (Left) Red - Audio (Right)

VHF only



VCR must be connected and furned on to oper (KV 27526, 27V26, 29HS26, 29HS26C, 29V66M 32TW26, 32V26, 34HS26C, 36S26, 37HS28 o

Disconnect all power sources before making any connections

1 Attach the casual connector from your cable or artenna to IN on your VCR
2 Using ALDIO/YIDEO connectors connect ALDIO and VIDEO DUT on your VCR to ALDIO and VIDEO IN on your TV (Yellow-VIDEO WHITE-AUDIO Left Red ALDIO Right)*

Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV

Connecting to an S Video equipped VCR (for optimum picture quality)

For this set up you can switch between scrambled

channels (through your cable box) and normal (CATV) channels by pressing ANT on your

remote control.

VMC-810S/820S (not supplied)

Your Sony remote control can be programmed to operate your cable box (see page 26)

sclection through your cable box you should consider using the CHANNEL FIX feature discussed on page 22

If you will be controlling all channel

following set up if your cable provider does not feature local channels that you are able to

rccive using an antenna

You may find it convenient to use the

(Rear of TV)

CATV cable

You cannot watch the signal through the "AUX input as a window picture when

using Picture-in Picture (PIP)

If you are connecting a monaural VCR, connect only the single autho output to the left input on your TV

Note on DVD Connection

• For the best pacture quality connect the DVD player directly to the TV Refer to your DVD manual for detailed connection information

Connecting and installing the TV (continued)

Connecting an antenna/cable TV system with a VCR

(signal)

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

(unscrambled channnels)

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KV 27536, 27V36 29V36C 29V76M 32536, 32V36 34V36C 35S36 35V36, 35V76 37V36M only

and antenna

Sable

Cable

CATVcable

P

TOCONVERTER

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Some pay cable TV systems use, scrambled or encoded signals that require a cable box* to view all channels.

Most simple connection Connection is made directly from the cable or antenna to the TV

Cable or antenna

Connecting a cable box

(Rear of TV) AUX

2 Using AUDIO connectors, connect AUDIO OUT on your VCR to AUDIO IN on your TV (White-AUDIO Left, Red AUDIO Right) * 1 Attach the coaxial connector from your cable or antenna to IN on your VCR

3 Using a coaxal connector, connect OUT on your YV to VHF/UHF on your TV Using an S/UDEO connector connect S/UDEO on your VCR to S/UDEO on

If you are connecting a cable box through the AUX input and would like to switch between the AUX and normal (CATV) input you should consider using the CHANNEL FIX

Some, pay cable. TV systems use scrambled or encoded signals requiring a cable box* only for extrain channels (c.g. HBO SHOWTIME. etc.)

VHF/UHF

Antenna cable

Schet Cable or ANT mode by pressing ANT on the remote control

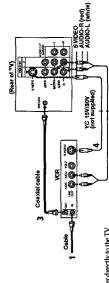
KV 27536, 27V36 29V36C 29V76M, 32S36 32V36 34V36C 35S36 35V36, 35V76 37V36M only

Cable box and cable

(No connection TO CONVERTER In this case) TOCONVERTER

frature discussed on page 22

RK 74A (not supplied)



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4 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO CUT on your DES receiver to AUDIO and VIDEO IN on your VCR. 3 Using a coaxial connector, connect VHF/UHF-OUT on your VCR to VHF/UHF on your TV

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Coaxial cable

Splitter (not supplied)

Cable 1

5 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV

VMC-810S/820S (not supplie

To view input from the DBS or VCR, select VIDEO 1 by pressing TV/VIDEO on the remote control

Connecting a VCR and TV with a

Disconnect all power sources before making any connections

Connecting and Installing the TV (continued)

Connect the cable from your satellite antenna to your DBS receiver 2 Attach the coaxial connector from your cable or antenna to VHF/UHF on your TV

Connecting a DBS (Direct Broadcast

Disconnect all power sources before making any connections

VCR must be connected and turned on to operate PIP (NV ZYS26, ZYV26, 29RS26, 29RS26C, 29V66M 22S26, 32TW26, 32V26, 34RS26C, 36S26, 37RS26 only).

Satellite) receiver

Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your TV

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VMC-810S/820S (not supplied

VMC 810S/820S (not supplied

1 Connect the cable from your satellite antenna to your DBS receiver 2 Attach the coaxial connector from your cable or antenna to VHF/UHF-IN on your VCR.

Connecting a DBS (Direct Broadcast

Satellite) receiver and a VCR

VMC-8105/8205 (not supplied

- Connect the single (input) jack of the Splitter to your incoming cable connection and connect the other two (output) jacks (using coaxial cable) to IN on your cable box and VHF/UHF on your TV
 - Using a coaxial connector, connect OUT on your cable box to IN on your VCR
- Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your VCR to AUDIO and VIDEO IN on your TV (Yellow-VIDEO, White-AUDIO Left, Red-AUDIO Right)

Connecting to an S Video equipped VCR with a cable box (for optimum picture quality)

- 1-2 Perform as described above
- Using AUDIO connectors connect AUDIO OUT on your VCR to AUDIO IN on your TV (White-AUDIO Left, Red-AUDIO Right)
- Using an S VIDEO connector connect S VIDEO on your VCR to S VIDEO on your TV

To view scrambled channels through vour cable box, select VIDEO 1 by pressing TV/VIDEO on the remote control

RK 74A (not supplied) YC-15V/30V (not supplied

Disconnect all power sources before making any connections

RK 74A (not supplied) AUDIO-L (white) 000 (Rear of TV) ļø

Tape-2, etc) on your stereo (White-

inputs (e.g. Tape-2, etc.) on your si AUDIO Left, Red AUDIO Right)

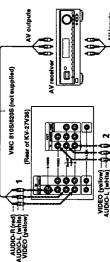
Set your stereo to the chosen Line input and refer to page 20 of this manual for additional audio setup instructions

For greater viewing pleasure integrate your Using AUDIO connectors connect AUDIO OUT on your TV to one of the unused Line

nome stereo into the system

Connecting an audio system





1 Using AUDIO/VIDEO connectors, connect VIDEO 1 IN on your TV to Monitor AUDIO and VIDEO OUT on your AV receiver

For greater viewing pleasure connect your KV 27V36, 29V36C, 29V76M, 32V36, 34V36C 35V36, 35V76, 37V36M only

Connecting an AV receiver

2 Using AUDIO/VIDEO connectors, connect TV OUT on your TV to TV AUDIO and

VIDEO IN on your AV receiver

You may want to use CHANNEL FIX to fix your TV s i "put to the AV receiver (VIDEO 1) See CHANNEL FIX page 22

AV Inpute VMC-810S/820S (not supplied) AUDIO-L (white)
AUDIO-R (red)

■■ Connecting and Installing the TV (continued) Connecting two VCRs for tape

MONITOR OUT gaves you the abulty to use a second VCR to record a program being played by the primary VCR or to perform tape editing and dubbing KV 27V26, 27V36, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C 35V36, 35V76, 37V36M only editing using MONITOR OUT

using the setup instructions on page 4 of Connect the VCR intended for playback

2 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO IN on your VCR intended for recording to MONITOR AUDIO and VIDEO OUT on your TV

Disconnect all power sources before making any connections (Rear of TV) VMC-810S/820S (not supplied

- Do not change the input signal while editing through MONITOR OUT
- When connecting a single VCR to the TV, if VCR LINE OUT is connected to TV VIDEO IN, do not connect the TV MONITOR OUT jacks to the VCR LINE INPUT (see right) Doing so will cause program underference and other viewing problems.

Indicates direction of signal

Several menu windows will provide prompts and instructions to assist you in navigating through the different functions. When presented use these to supplement the instructions

n this marrial

10

On Line Help/Instructions

Using the S-Link function

S-Link is a Sony unavotion designed to make your Sony components work together It allows you to automatically switch ther TV input mode to vides when you be seed to you Sony E-Link VCR It liables blows you to turn the VCR and TV off at the same time with the SYSTEM OFF button KV Z7VZ6, Z7V36, Z9V36C, Z8V68M, Z9V76M, 3ZVZ6 32V36, 34V36C, 35V36, 35V76, 37V36M only

1 Connect your VCR using the setup instructions on page 4 of this manual

2 Using an S-Link connector connect the S-LINK acks on your VCR and TV Ersure that both ends are seated firmly and that the TV S-LINK connectors in the same row as the AUDIO/VIDEO connectors

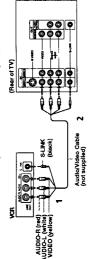
Connecting a camcorder

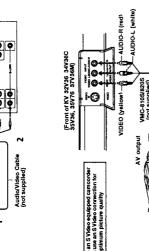
KV 27V26 27V36 29V36C 29V66M 29V76M 32V26 32V36 34V36C 35V36, 35V76 37V36M only This connection is convenient for viewing a picture directly from your camcorder

Using AUDIO/VIDEO connectors connect AUDIO and VIDEO OUT on your camcorder to AUDIO and VIDEO IN on the front panel of your TTY (Yellow VIDEO, White-AUDIO Left Red AUDIO Right)

If you are connecting a monoaural camcorder connect only the single audio output to the left input on your TV

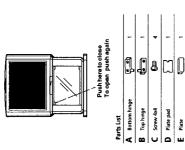
Disconnect all power sources before making any connections





If you have an S Video equipped camcorder you can use an S Video connection for optimum picture quality

Follow these instructions to install the glass door and adjust the shelf KV-32TW26 and KV-35V76 only



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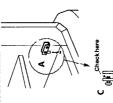
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Connecting and Installing the TV (continued)

beginning assembly. If any parts are missing, · Confirm that all parts are included before contact your dealer

2 Attach the top hunge B to the right side of the glass door tighten the screws snugly but do not overrighten. Attach the plate pad D to the Lif side and push the plate over the plate pad

interfere with the proper installation of thi, hing, to the glass door and then insert the hing, into the hole located at the bottom right side of cabinet. 1 Check that the projection of the screw through the bottom hinge A docs not installing the glass door



Metal pin

9

Using the remote control Select buttons

Insert two size AA (RG) batheres (supplied) by matching the + and - on the batheres to the diagram inside the bathery compartment







The supplied remote control has select buttons which allow for movement of the on server as electron in four directions. Pressing on the cide, of the select buttons will cause the selectron to more in the selectrol of the selectron. Pressing the center of the select direction. Pressing the center of the select direction will a trimet the selectrol timm.

Adjusting sliders

When menuntums present a slider (==== or ==== or === or == or ==

Basic Set up

inserting batteries

3 Insert the shelf ensuring that the pin supports are seated in the grooves on the bottom side of the shelf

1 Press the upper part of the temporary shelf supports and remove the shelf Adjusting the shelf

3 Push the top glass door hinge into the top right bushing and gently slide the glass door mut the bottom hinge Adjust the glass door until level and tighten the hinge screws





ote control will from possible battery leakage whenever Remove the batteries to avoid damage you anticipate that the remote contr not be used for an extended period

Avoid dropping, it getting it welt or placing, it in direct sunlight near a heater or where the humidity is high · Handle the remote control with care

2 Insert the metal pin shelf supports (2 cach

sidc)

Your remote control can be programmed to operate most video equipment. See page 24

2

Ξ

Metal pin

Using your New TV

Setting up the TV automatically

to set the on-screen language and set all recevable channels The EASY SETUP CUIDE screen will appear every time you turn on the TV until you perform AUTO PROGRAM The EASY SETUP GUIDE feature will allow you

The EASY SETUP GUIDE feature does not apply for installations that use a cable box for all channel selection

To set up the TV manually refer to "Using the SET UP menu" on page 22

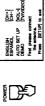
- lips 💸
- Perform thus function during the day with the antenna and/oroside property connected, to ensume that all available channels will be broadcasting and receivable.
 - After using EASYSETUPG UIDE you will still have the opton of satusting say of the system settings, likeer asing channels through the SETUP menu (page 22).
- The IV must beset to IV update to IV TO IV

Using the buttons on the front of the TV



For KV-27V36 29V36C, 29V76M, 32V36, 34V36C, 35V36, 35V76 and 37V36M, the control buttons are located on the top of the TV

1 Press POWER to turn on the TV The EASY SETUP GUIDE screen appears



Press CHANNEL + to select English screens or CHANNEL - to select Spanish (Except Canadian models) screens

Press VOLUME - to continue or TV/VIDEO for a DEMO of functions and menus.

m

'AUTO PROCRAM appears and the TV starts scanning and presetting channels automatically. When all the receivable channels are stored the lowest numbered channel is AUTO PROGRAM

To perform AUTO SET UP again

- displayed If the TV receives cable TV channels, CABLE is set ON automatically
 - Press CHANNEL + or CHANNEL to select a Press SET UP
- Press Volume to restore factory settings (CONTINUE TO AUTO PROGRAM? will appear on the screen Press CH+ to execute or CH+ to extl)
 - Press SET UP to exit

Note

When you perform AUTO PROCRAM, your CHANNEL FIX, TIMER, and CHANNEL BLOCK settings will be erased

2

Using your New TV (continued)

Watching the TV

All of the TV features can be accessed via the remote control The following chart will explain the function of the buttons found on your remote control

REFER TO THE	ILLUSTRATIONOFTHE	REMOTE CONTROL ON THE	INSIDEFRONTCOVEROF	THIS MANUAL AS YOU	REVIEWTHISCHART	
ľ	3	_				

TV (FUNCTION)	Activates the remote control for use with the TV
TV POWER	Turns the TV on and off if "VIDEO" appears on the screen press TV/VIDEO or ANT so that a channel number appears
@-@	Use for direct channel selection Press 0-9 to select a channel (for example to select channel 10 press I and 0) the channel will change affer 2 seconds or you can press ENTER for immediate selection
-/+ HO	Press to scan through the channels (+ up or down)
-/+ NON	Press to adjust the volume (+ up or - down)
JUMP	Press to alternate or μmp back and forth between two channels. You can only jump between the last two channels that have been selected with the 0-9 keys
MUTING	Press to mute the sound ("MUTING" will appear on the screen) Press again or press VOL + to restore sound
FREEZE	Press to freeze the window picture while in PIP mode if you are not in PIP mode pressing FREEZE will cause the main picture to freeze into a window picture Great for copying down phone numbers addresses recipes etc.

4

Using your New TV (continued)

Watching two programs at one time — PIP (Except KV-27S22/ 29RS220/29RS22/ The Picture-in-Picture (PIP) feature allows you 29SD2/29PS2)

The Picture-in-Picture (PIP) feature allows you to vew fiw for charubes smullareusely, one in the full size main picture and one in a smaller window picture. This means that two separate tuners must be available to provide the two signals.

CAPTION

Press repeatedly until the TV displays the approximate time in minutes (30 60 or 90) that you want the TV to remain on before shutting off automatically Cancel by pressing until "SLEF OFF" appears

Press repeatedly to step through avadable displays Status

DISPLAY SLEEP

Certain models (KV-27S26, ZV726, 29RS26 29RS26C, 29V66M, 32S26, 33TV36, 34RS26C, 38S26, 37RS26 only) are equipped with a single tuner This simply means that a VCR must be connected and turned on for PIP to operate

Some programs are broadcast with Caption Vision To display Caption Vision select CCI CC2 CC3 CC4 TEXT1 TEXT2 TEXT3 or TEXT4 from the menu then press DISPLAY

until Caption Vision is displayed

Channel number current time channel caption (if set) and MTS mode (if SAP is selected) are displayed. SAP indication disappears after three seconds XDS assected are displayed to the same program mane program hipso program length call letters and time of the show if the broadcaster offers this service are entitly call letters and time of the show if the broadcaster offers this service. See public vision will be displayed on the screen if the broadcaster offers this service (see might). To cancel the display press DISPLAY repeatedly uniti "DISPLAY OFF appears "DISPLAY OFF" appears "DISPLAY OFF" disappears after three seconds.

Tıp 😯

CCI CC2 CC3 or CC4 shows you a caption that is a printed version of the dalogue or sound effects of a program (The mode should be set to CCI for most programs) TEXT1 TEXT2 TEXT3 or TEXT4 shows you lest that is information presented using either half or the whole screen it is not usually related to the

program

Press to change the VHFUHF input to the AUX input (KV 27536 27V36 57V36 57V36

Press repeatedly to step through exactable video reputs 29HS26C 282SC8 174, Video 1 and Video C (VC/27SSS 27SSS 29HS26Z 25SSS 28SSS 27VNS 27VSS 0 mily 28SSS 27VNS 24HS26C 38SSS 37SSSS 0 mily 174, Video 1 video 2 and Video 3 (VC/27/27 27VS 27VSS 28VSSC 29V8SM 2V/78M 32VSS 28VSS 34VSS 38VSS 38VSS 38VSS 37VSSM 0 mily)

IVVIDEO

Press this button to cycle through the Multi-channel TV Sound (MTS) options (page 20)

MTS/GUIDE

KV-27V26 27V36 29V36C 29V66M 29V76M 32V26 32V36 34V36C 35V36 34V65 37V38M ordh Press to turn off the TV and all other equipment connected with SL rink and return the TV rigut to other antients or AUX whichever was last used

SYSTEM OFF

ΑM

Toensure acomed single tuner PIP connection (KV 2755, 27V6, 29K54, 29K546, 29K64, 32K9, 34K546, 35K8, 37K546 only) make sure the following list of simple connections acomplete before using PIP

A cable or antenna is connected to the VCR

The VCR is connected to your TV

The VCR is turned on

Poor reception of TV programs can cause retrors in Caption Vision and XIOS Captions may appear with a white box or other errors nisted of inflended text XIOS Caption Vision and the status display cannot be used at the same time

(for detailed connection information see page 3-5)

You must press TV (FUNCTION) before you can control PIP with the yellow labeled buttons

Input sourcemode or TV channel for the main picture input sourcemode or TV channel for the window picture ON THE STATE OF TH The sound of the main picture is received

5

--8-

	Use the Yellow Labeled Buttons for PIP Operations.
¥ÇO¥O	Press to change the TV channel in the window picture (+ to increase the channel number and - to decrease) For models KV 27S26 27V26 29NS26 29RS26C 29V66M 32S26 32TW26 34RS26C 35S26 and 37RS26 if you are watching the video input in the window picture you must press VTR (FUNCTION) then use the main CH +I-buttons to change channels
POSITION	Press to move the location of the window picture (counterclockwise) around the main picture
FREEZE	Press to freeze the window picture. Great for copying down phone numbers, addresses recipes etc. It a window picture is displayed then it will be frozen if only the main picture is displayed then it will be frozen and displayed as a window picture to the pervious screen(s). Press FREEZE again to restore the previous screen(s).
SWAP	Press to switch the audio and video of the main picture and the window picture. Each time you press SWAP the picture and sound of the two will be SWAPPED. The channels being received through the ALX jack cannot be displayed as a window picture (KV-27S36_27V36_29V36C_29V78M_32S36_24V36_3SS36_24V36_3SS36_28V78_37F38M_only).

IKV 27V26 27V36 29V36C 29V66M 29V76M 32V26 32V36 34V36C 35V36 35V76 37V36M only)
On TV automatally adults the brightness of the picture according to the brightness of the room Adjust slider left (cursor down) to decrease picture contrast and soften the color Adjust slider right (cursor up) to morease picture contrast and create more wind color Adjust slider leff (cursor down) to decrease the green tones Adjust slider nght (cursor up) to increase the green tones Adjust slider left (cursor down) to decrease color intensity Adjust slider nght (cursor up) to increase color intensity Adjust slider left (cursor down) to darken the picture Adjust slider right (cursor up) to brighten the picture Adjust sider left (cursor down) to soften the picture Adjust slider right (cursor up) to sharpen the picture STANDARD Select to receive a standard picture MOVIE. Select to receive a finely detailed picture SPORTS. Select to receive a vivid bright picture. PICTURE Picture Adjustment HUE Picture Adjustment COLOR Picture Adjustment SHARPNESS Picture Adjustment LIGHTSENSOR Picture Adjustment BRIGHTNESS

For detailed information on using the remote to modify menu settings refer to Learning, menu selection on page 18

To select the VIDEO III menu

Select

Highlight 🔢 🕇

Display | To restore the factory settings Press RESET on the remote control while the VIDEO menu is displayed

Adjusting your SET UP (menus)

Learning menu selection

Use the MENU button to access a menu and use the Select buttons to alter settings. Use the following example to learn how to modify

1 Press the MENU button

The main menu appears



Press the select buttons (♠ or ♠) to highlight the desired menu and press ♠ to activate it

SET UP
CHANNEL SET UP
CHANNEL BLOCK
AND THE CHANNEL
O'NEO LABE
TANGOLAGE ENGISH
CONTROL OF THE CHANNEL
Up SET UP
CHANNEL SET

18

17

Ext Ext Use E

3 Press the select buttons (♦ or ♦) to select the desired option.

5 Make your selection and press (‡) to activate it
The previous screen will reappear

SET UP

CHANNEL SET UP

CHANNE

SETUP

CHANNEL BETUP

CHANNEL BETUP

CHANNEL BETUP

NOOME FERUSH

CHANNEL BETUP

THY COMPANIESTON V

THY CHANNEL BETUP

THY CHANNEL BETUP

UNDER BETUP

EAR BETUP

EA

CHANNEL SET UP

Options for your selection will be displayed 4 Press 🕀

 Pressing MENU on the remote control will allow you to exit from the menus When you are done with changes to the seelected menu, choose MENU to return to the main menu Once you have completed all menu corrections press MENU on the remote control to exit the menu screens

Adjusting your SET UP (menus) (continued)

| Byricho | Byri

Using the AUDIO menu

To select the AUDIO J menu Highlight 👃 Display 📑

For detailed information on using the remote to modify menu settings refer to Learning menu selection on page 18

Select

Press RESET on the remote control while the AUDIO menu is displayed To restore the factory settings

Press (2) for direct selection of an EFFECT setting or T

SURROUND Simulates theater quality sound (only for stereo programs) (NV 27956-27958) extracts a prescribe 27950-27958 only service a prescribe 27950-27958 only service a promotion stereo or encoded audio agraes (NV-27796-2709 only service 279506-279066M SIVITIES 07958-279066M SIVITIES 07958-279069M SIVITIES 07958-279069M SIVITIES 07958-279069M SIVITIES 07959-279069M SIVITIES 07959-279069 AUDIO OUT can only be set when speakers are set to OFF AHABLE. Sound output views according their IV setsial when you want to use your remote to control the output of a separate audio system. FIXED sound output is held set as if their and Balance are affected who your remote to control the output of a separate audio system. FIXED sound output, it held as fixed level Volume Bass Tirede and Balance are fixed to the Bask of yearings. Volume adjustments are made throughly put steepo STEREO Select for stereor reception when wewing a program broadcast in stereo SAP. Select to train to include broadcast (non-SAP programs will be muted when this feature is selected)

MONO. Select for more reception (use to reduce noise chung stereo broadcass)

Audick MTS accesse? Press MTS on your remaile to cycle through the MTS options as follows (STEREO). ON Select to listen to the sound from the TV speakers and a separate stereo system OFF Select to Lun of the TV speakers and listen to the TV s sound only through external audio system speakers. Adjust slider left (cursor down) to decrease higher pitched sounds Adjust slider right (cursor up) to increase higher pitched sounds Adrust slider left (cursor down) to emphasize left speaker volume Adjust slider nght (cursor up) to emphasize right speaker volume Adjust slider left (cursor down) to decrease low pitched sounds Adjust slider right (cursor up) to increase low pitched sounds EFFECT
Customize sound
effect based on the
programs audio type BASS Sound Adjustment BALANCE Sound Adjustment SPEAKER Custom selection o audio output source AUDIO OUT Easy control of volume adjustme MTS
Enjoy stereo
bylingual and m

6

20

Using the VIDEO menu

▤

Sliders

WAS WIRED POPULAR SAME OF THE PARTY OF THE P



After setting the clock you can use the timer to turn the TV on and off For detailed information on using the remote to modify menu settings, refer to Learning menu selection on page 18

To select the TIMER © menu

Select

Highlight (Display . Typ \$\tilde{V}\$ Set daylight saving time before setting the clock. Any loss of power will cause, these settings to be emised.

SUN 12:00 AM OWOFF TSMER MACH OH 4 Press + or + on the select buttons to select the desired channel Press + or + on the select channel Press (♣) to select channel are in the infer in the order of the TIMER indicator on your TV will be it Press MENU to ear When you perform AUTO PROGRAM all TIMER selfings will be eare. Une ## Spring Select YES to compensate for Daylight Saving Time The current time automatically moves one hour ahead Tall Select NO at the end of Daylight Saving Time The current time moves back one hour. CURRENT TIME SET window will appear 1 Press + or + on the select butions until the current day (MON SUN), a daplayed Press ∈ 5 to select 2 Press + or + on the select butions until the current hour (01-12) and AM/PM is deplayed Press € to 1 Press ♦ or ♦ on the select buttons until the desired day (MON-SUN) or range of days (EVERY Sun-Sat or the TV to turn on by pressing + or + and then (+) 3 Set the firme duration (maximum of 6 hours) by pressing + or + and then ThER FUNCTION, PRESS RESET TO CANCEL THE TIMER FUNCTION, PRESS RESET EVERY Mon-Frt) is displayed Press (+) to select 2 Indicate the time (hours then minutes) that you want Press 4 or 4 on the select buttons until the current minute (00-59) is displayed 4 Press The Clock has now started Press MENU to exit ON/OFF TIMER window will appear DAYLIGHT SAVING Automatically adjusts the time CURRENT TIME SET Necessary for the TIMER ONJOFF TIMER Wake up or scheduled newing

Adjusting your SET UP (menus) (continued)

CHANNEL SET UP	Basic set up options for viewing	
Using the SET UP menu	Convenent Structure Convenent Structure Convenent Concor Convenent Concor	

With the CHANNEL SET UP window open
1 Use 4 or 4 to select the feature you want to change
2 Press Ch to access the feature
CABLE Select ON if your TV is connected to a cable is
(AUTO SET UP will set CABLE to ON automatically)

For detailed information on using the remote to modify menu settings, refer to Learning menu selection on page 18

CHANGEL FIX Use that salure to set the TVs reput to one of the following options.

CHANGEL FIX Use that salure to set the TVs reput to one of the following options.

2-6 Choose when the cable bux is connected to the VHFUHF must and you do not want to switch to AUX mode Once this setting is made you will not be able to use the "This humber" CH4— to AUX and the cable buy the site of the PT Cable humber CH4— AUX 2-6 Choose when a cable box is connected to AUX and a cable or anients a connected to AUX four can alternate between the two motals by pressing ANT on the remote control (IV-2759s 2TV9s 29V76M 22596 22V76M 22598 22V98 36V98C 38S98C 38S98C 38S98C 38S98C 38S98C 38S98C 38S98C 38S98C 38S98C 38V98C 38S98C 38S9C 38S98C 38S9C 38S98C 38S98C 38S98C 38S9C 38S98C 38S9C 38S9C 38S9C 38S9C 38S9C 38S9C 38S9C 38S9C 38S9C

Zelect Select To select the SET UP 🖶 menu Highlight 🗗 Display 1

§()

If any menu nems are grayed out press the ANT button on your remote so that a channel number appears

VIDEO 1 Choose when you have connected vabo equipment (e.g. AV receiver) and you want 1V mont fixed not it ow will not be table to switch teberen video sources and CHANNEE BLOCK settings are earsed when CHANNEE FX is set AUTO PROGRAM instructs the TV to automatically program all receivable channels. CHANNEL CAPTON With the CHANNEL CAPTON window open

CHANNEL CAPTON With the CHANNEL CAPTON Window open

These Channel and press © again

Press © 4 or the select buttons to display the first letter of the capton and press © to select it (Repeat runther of the capton and press © to select it (Repeat until all four digits are selected)

3 Press (+) to activate To erase a Capton press RESET 3 Press + to activate

Favorite channel feature is not available for the AUX input

22

🌉 🌋 Operating video equipment

ince the money of the contract of					;	;
ing the manufacturers	DBX				314 33	8
•	Omensia					
	Emerson	'n	19 32	319 320 316 317 3	317	÷
an use the supplied remote control to	Fisher			330	334	ಜ
Song or non Congression	Funal					
e sony or non sony video equipment	General Electric				329 30	ଞ
as an infrared sensor	Go Video					
SS CODE SET	Goldstar					
	Hitachi			8	306 304 30	ĕ
ss VTR (FUNCTION)	Instant Replay					용
the 0.0 than 1 to 1 the	JC Penney	309 305	5 304	330	314	g
the 0-9 puttons to key in the	JAC				314	83
nufacturers code number from the	Kenwood			314	336	8
owing chart	LXI (Sears)	332 305 333	5 333	334	330	g
	Magnavox				ĝ	8
ss ENTER	Marantz				3,4	8
	Marta					
	Memorex					S
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de number from the		314 336 332	303	
	LXI (Sears) 332	332 305 333 334 330 335 338	312	
	Magnavox	900	327 328 335 331	
	Marantz	338	2	
	Marta		330 314 336	
	Memorex			
turer code	Minolta			
	Mitsubishi/MGA	325		
	Multitech	325 338 321	MDP manufacturer code	
epo)	NEC	336	ampore	
	Olympic		cianina	
301 302 303	Optimus	327	Monitoria	
338 344	Panasonic	308 309 306 307		
327	Pentax	305		
314 337	Philos		Kenwood 707	
330 343	Philips	308 309 310		
319 317	Pioneer		Marantz 702	
906 606	Quasar	308 309 306	2	
	RCA/PROSCAN	8	204	
315 302 332		312 313 310		
315	Realistic	309 330 328 335 324 338	solution/	
304 338 309	Sanetii			

_			Overalist in Oce	
_	CHANNEL	You will be able to block two channels With the CHANNEL BLOCK window open	1 Or -	Setting th
_	Prevent child access	2 Press + or 4 or the select buttons to display the channel you want to block	2 G	code
	200 200 200 200 200 200 200 200 200 200	verview. Car National RECOKED will appear on the screen Caption Vision XDS and output from the when you select the blocked channel. BLOCKED will be selected channel will such be blocked To areas your CHANNEL BLOCK entings press RESET while in the CHANNEL. BLOCK window. When you perform AUTO PRICKENM your CHANNEL BLOCK selengs will be areased.	Select a program Use III (E. Ext (S.)	You can use the
	FAVORITE CHANNEL Cuick access to lavorite channels	Setting FAVORITE CHANNEL window open 1 President AUTO or MANUAL and press () again 1 Press & 3 and three favoral Triangles of the select buttons to select AUTO or MANUAL and press () again () Selecting AUTO will cause the test fine channels that you chose with the remote control of buttons to be selected)	PAVORITE DIANNEL MODE AUTO PREVIEW ON	1 Press CODE 2 Press VTR (
		2 Press + or + on the select buttons to select 1 ≥ 3 + or 5 and press → 3 Press + or + on the select buttons to select the destruct channel and press ↔ 4 Pro KV-27586 27V96 29V76M 32S58 32V96 34V86C 35SS96 35V76 37V36M only you can	The Ball End Co.	manufactur
		preview your favorite channels in the window picture to do so set PREVIEW DISPLAY to ON Using FAVORITE CHANNEL. 1 Prese """ and your FAVORITE CHANNE! ontings acressed.	PREVIEW ON 125 ESPN 14 ABC	4 Press ENTE
		2 Press 4 or 4 to select the channel you want to waitch and press "" 3 For mode kiv-2568 21V95 82V965 28V98 which was 4 DDICHOLUS A mode of the channel or a concept to th	# 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	VCR man
	VIDEO LABEL	If THEVELY IS UNITED OF THE A WINDOW POWER OF THE WASHING STATE OF THE	VIDEO UBEL	numbers
	Easy recognition of connected equipment	you can label VIDEO 1 IN as VHS) 1 Press 4 or 4 or II we abelich turning to select the imput mode you want to label and press (+) 2 Desse 4 or 4 or II was an invess (-)	VIDEO 1 VIDEO 1 VIDEO 2 VIDEO 2 VIDEO 3 VIDEO 3 DAMBAU	Sony Aiwa
		VIDEO LABEL Options Video I VHS Simm BETA LD GAME DBS DVD WEB RECEIVER Video 23 VHS Simm BETA LD GAME DBS DVD WEB	Use (18 (12) Existing	Admiral (M. Ware Audio Dynamic Bell & Howell (M.
	LANGUAGE	(Except Canadian models) Select from available larguages to cause at menus to appear in your larguage of choice		Canon
	TILT CORRECTION Adjust your picture	Use this feature to correct any titl of the picture KV 35S26 35S36 35V36 35V76 37RS26 37V38M only Press ∉ or ∉ on the select buttons to select a correction between +5 and −5 and press (★)		Craig Criterion Curtis Mathis
•			23	24

Proneer 702				
RCA 702 709	Operating a VCR Buttons on the	Buttons on the	Operating an MDP	Buttons on the
		remote control	,	remote control
Sharp 705	To turn on or off	Press VTR (POWER)	To turn on or off	Press VTR (POWER)
Yamaha 703 708	To select a channel	Press the 0 - 9 buttons	To play	Press the
	directly		To stop	Press .
Typs "Q"	To change	Press CH +/-	To pause	Press II
 Insomerare cases you may not be able to operate 	channels			To resume normal
yournon-Sony videoequipment with the supplied	To record	Press - while pressing -		playback press again
remotecontrol Inthuscase pleaseusethe		First release	To search the picture	Keep pressung ▶▶ or ◆◆
equipment/sown remote cambrol		release	forward or backward	dumo playback
The code our unberstor Son venu mentane assumed at	To play	Press 💌		To resume normal
the factory as follows	To stop	Press		playback release the
	To fast forward	Proce Pt		button
VHS VCR 301 (preset code for	To rewind the tape	Press *	To search the	Press CH +/-
tre supplied remote	To pause	Press II	chapter forward or	
9 mm 9/7B		To resume normal playback	Menual	
9 mill VCN 302		press again		
Beta, ED Beta VCRs 303	To search the	Press PV or A during		
When you remove the batteries the code number may	picture forward or	playback		
revertionhefactory setting	backward	To resume normal playback		
9		release the button		
	To change input	Press TV/VTR		

	Onorating an MOD	Buttons on the	
	Gran de Britanisto	remote control	Programming the remote
	To turn on or off	Press VTR (POWER)	
	To play	Press the	Tou can program the supplied remote con
1	To stop	Press	in opciate a capie box of DB3 receiver
	To pause	Press II	1 Press CODE SET
•		To resume normal playback press again	2 Press DBS/CABLE (FUNCTION)
	To search the picture	Keep pressing ►► or ←	3 free the O. 2 hostone to born in the
1	forward or backward	during playback	manufacturers code aumhor from the
		To resume normal	4-17.
l		playback release the	following chart
ł		putton	4 Proce FNTFR
	To search the	Press CH +/-	
1	chapter forward or		
	backward		To operate the TV
Dack			
1			Press TV (FUNCTION) Then use the TV
•			control buttons to control the TV

rating an MDP	Buttons on the	
•	remote control	Programming the remo
un on or off	Press VTR (POWER)	-
ay	Press the	Tou can program the supplied remo
do	Press 🗷	to operate a capie box of DES return
ause	Press II	1 Press CODE SET
	To resume normal playback press again	2 Press DBS/CABLE (FUNCTION)
arch the picture ard or backward	Keep pressing ►► or ←← during playback To resume normal	3 Use the 0-9 buttons to key in the manufacturer's code number from
	playback release the	following chart
sarch the	Press CH +/-	4 Press ENTER
ter forward or	-	
ward		To operate the TV

Operating a cable box or DBS receiver

Proneer RCA Sanyo Sharp Yamaha

If the remote control doesn	 First try repeating the setup pro using the other codes listed for y equipment 	2
nming the remote	ogram the supplied remote control cable box or DBS receiver	

yourequipment

Panasonic Honeer

If morethan one code numbers listed try entering them one by one until you come to the correct code for

Insomerarecases youmay not be able to operate your equipment with the supplied remote control in this case, use the equipment's own remote control this case, use the equipment's own remote control.

Whenever you remove the battenes—to replace them for example—t froom uch time is taken the code numbers may revert to the factory setting and must be reset

Manufacturer code numbers

(DBS receiver)

Manufacturer

RCA/PROSCAN

Ceneral Electric

n t work

Manufacturer code numbers

Code number

Manufacturer

Hamlin/Regal Jerrold/G I

(cable box)

If you enter a new code number the code number you previously entered at that settings seased

Scientific Atlanta

Zeruth

Code number 801 (preset code for remote control)

Refer to the operating instructions that come with the equipment

For more details on operating the

cable box or DBS receiver

To change input mode

26

Troubleshooting (continued)

Make sure CABLE is OFF in the SET UP menu (page 22) Cannot receive upper channels (UHF) when using an antenna

Black and white programs cannot be seen in color

Poor or no picture (screen lit), good sound

Adjust PICTURE in the VIDEO menu

(page 19)

Cannot Operate Single-Tuner PIP (KV 27s26) 27v26 29hS26, 29HS26C 29V66M 32S26, 32TW26 34HS28C, 35S26, 3TRS26only} Check that cable is connected to the VCR and the VCR is turned on Check that the VCR is connected to the TV

Troubleshooting

Troubleshooting

Adjust BRIGHTNESS in the VIDEO menu (page 19)

Check antenna/cable connections

Use AUTO PROGRAM to add receivable channels that are not presently in TV memory (page 22)

Only snow and noise appear on the screen

Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)

Check the CABLE setting in the SET UP menu (page 22)

Make sure the channel is broadcasting Check the antenna/cable connections

Press ANT to change the input mode (page 15)

Check the LIGHTSENSOR setting in the VIDEO menu (page 19)

Operate with the buttons on the TV and the

remote control

Make sure the power cord is plugged in

No picture (screen not lit), no sound

Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)
Remove objects from the front of TV

Dotted lines or stripes

Press MUTING so that "MUTING" disappears from the screen (page 14)

Replace the batteries with new ones if they are weak Check to see if the TV/VIDEO setting is correct when watching TV, set to TV and when watching video tapes set to VIDEO1 2 or 3

Insert the batteries in the remote control with the correct polarity

Good picture, no sound

Check the MTS setting in the AUDIO menu (page 20)

Cannot receive any channels when using cable TV Use AUTO PROGRAM to add receivable channels that are not presently in TV memory (page 22) Make sure CABLE is ON in the SET UP

Batteries could be weak Replace the batteries Remote control does not operate

Adjust the antenna Move the TV away from rioise sources such as cars, neon signs or hair-dryers

Double images or ghosts

Make sure SPEAKER is set to ON in the AUDIO menu (page 20)

Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)

Press TV (FUNCTION) when operating your TV Make sure the TV s power cord is connected securely to the wall outlet

Use a highly directional outdoor antenna or a cable (when the problem is caused by reflections from nearby mountains or fall buildings).

Locate the TV at least 3-4 feet away from fluorescent lights

Cannot gain enough volume when using a cable box

Increase the volume at the cable box Then press TV (FUNCTION) and adjust the TV s volume

TV is fixed to one channel

Use AUTO PROGRAM to add receivable channels that are not presently in the TV memory (page 22) Try turning CHANNEL FIX off (see page 22)

To reset the TV First turn the TV on The while present the New Packers on the TV First Will turn itself of their back on the TV the TV will turn itself of their back on When the TV turns on again all settings will be reset and the EASY SETUP GUIDE will appear

N malfunctions when using the S-Link lunction (KV 27V26 27V36 29V36C 29V68M 29V76M 32V26 32V36 34V36C 35V36 35V76 37V36M only)

Check the S-Link connection (page 45) Make sure the TV s power cord is connected securely to the wall outlet

25

Check the S-Link connection (page 45)

28

27

If the tem you want to choose appears in gray you cannot select it Press TV/ VIDEO correctly

Cannot operate menu

Adjust the COLOR in the VIDEO menu (page 19)

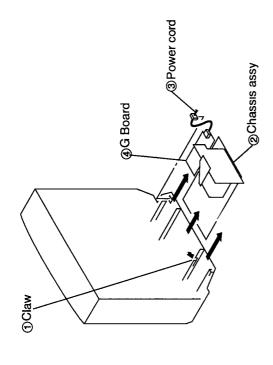
Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)

Try another channel It could be station trouble

-- 11 --

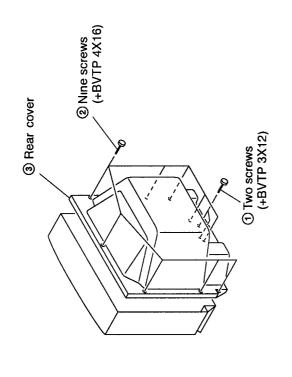
SECTION 2

2-1. REAR COVER REMOVAL

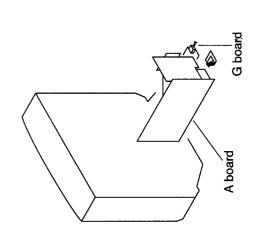


DISASSEMBLY

2-2. CHASSIS ASSY REMOVAL



SERVICE POSITION **2**-3



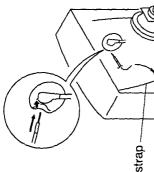
cap firmly in the direction indicated by Use your thumb to pull the rubber

arrow 🕞

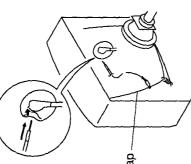
2-4. PICTURE TUBE REMOVAL

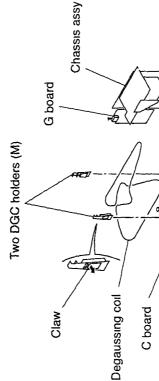
is disconnected

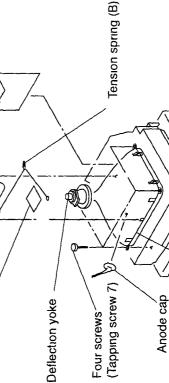
To avoid electrical shock before attempting Short between anode and CRT coated earth to remove the anode cap, discharge CRT ground strap



Coated earth ground strap





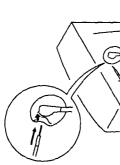


Picture tube

Cushion

WARNING: Before removing anode cap

H V remains in the CRT even after the power



Do not use sharp objects which may cause damage to the surface of the anode-cap

HOW TO HANDLE AN ANODE-CAP

REMOVAL PROCEDURES

NOTE After removing the anode, short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT

REMOVAL OF THE ANODE-CAP

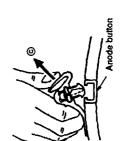
Do not squeeze the rubber covering too hard to avoid damaging the anode-cap. A material fitting called a shatter-hook terminal is built into the rubber

This may cause the shatter-hook terminal to Do not force turn the foot of the rubber cover protrude and damage the rubber

① Turn up one side of the rubber cap

in the direction indicated by arrow (a)





③ When one side of the rubber cap sepa-

rates from the anode button, the anode-cap can be removed by turning the rubber cap and pulling it in the direction of arrow @ SECTION 3
SAFETY RELATED ADJUSTMENTS

	ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
M M	M RESISTOR CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS		■ marked parts A Board	■ R530,531	A BOARD - CONDUCTOR SIDE - digital multimeter
The fo	The following adjustments should always be performed when		D519,D520,D521,		001
replaci	replacing the components marked with 🖊 on the A and G Board schematic diagrams		C531,C532,R387, R529,R530,R531		
-ploH)	(Hold-down operation confirmation)		R532,R533,R550,T503		
Step 1			<u>G Board</u> IC643, R661		R531 R530 TP85 FBT
	Preparation before confirmation a) Turn the POWER switch ON, input a white signal and set	White Picture	TP85 (H PROT)	PICTURE	E O-Mro
	LICE TO LONG AIM DATOTTINGS CORROLS TO HAMILIAN			BRIGHTNESS maximum }	ammeter
	b) Confirm that the voltage at the check terminal of TP85 is more than 18 0 VDC when the set is operating normally	Digital multimeter			DC Power Supply # & & & & & & & & &
··	$(120 \pm 2.0 \text{ VAC}) \text{ or } (220 \pm 2.0 \text{ VAC for KV-} 29RS22C/ 29RS26C)$				
Step 2		White Picture		TS03 FBT #	[Check Condition]Step 2 2160 ±100 μA
	specified range			30mA DCrange	220 +20 VAC (Power Supply) (KV-29RS22C)
Step 3	Record the voltage between TP85 and ground			IABL	
Step 4					[Check Condition] Step 4 Iower than 22 05 V DC
	Using an external DC power supply, apply voltage between TP 85 and eround				120 +2 VAC (Power Supply) 220 +2 VAC (Power Supply) (KV-29RS22C)
	Increase the voltage gradually and confirm that the hold-				29RS26C)
<u>.</u>	down works (raster disappears) at lower than the voltage recorded in Step 3			סוניייים	[Check Condition]Step 5
Step 5	10			BRIGHTNESS	Inore than 18 0 V DC (120 + 20 VAC (Power Supply)
	Confirm that a voltage of more than 18 0 VDC appears between TP85 and ground	White Picture		тахітит	220 +20 VAC (Power Supply) (KV-29R522C/ 29R526C)

IENT ILLUSTRATION AND SHAPE ON AND NUMBER		130 +20 V AC 220 +20 V AC (KV-29RS22C/29RS26C)		SS	reset	
ADJUSTMENT LOCATION				PICTURE, BRIGHTNESS	initial reset	
MEASUREMENT POSITION	<u>G-Board</u> 1C643, R661				G Board CN641 Pin 1 - ground	
EQUIPMENT AND SIGNAL		Variable auto- transformer	Monoscope			
ADJUSTMENT ITEM AND PROCEDURE	B+ VOLTAGE CONFIRMATION The following adjustments should always be performed when replacing the components marked with on the schematic	1) Supply AC Voltage with a variable auto-transformer	2) Input an entirely monoscope signal	 Set the PICTURE control and the BRIGHTNESS control to initial reset value 	4) Confirm the voltage of the G board CN641 between pin 1 to ground is less than 136 5 VDC	5) If step 4) is not satisfied, replace the R661 and repeat above steps

NOTES:	
	
	
	

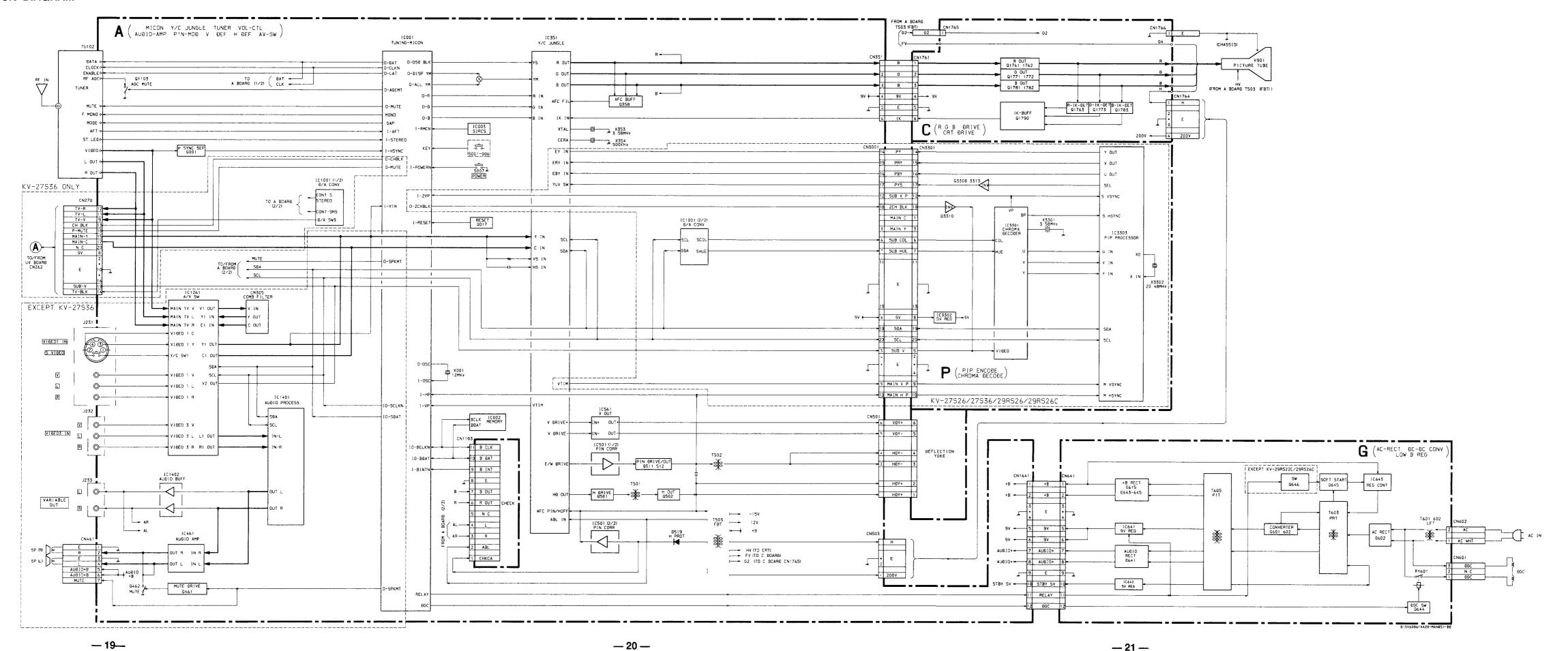
NOTES:	
	·····
	
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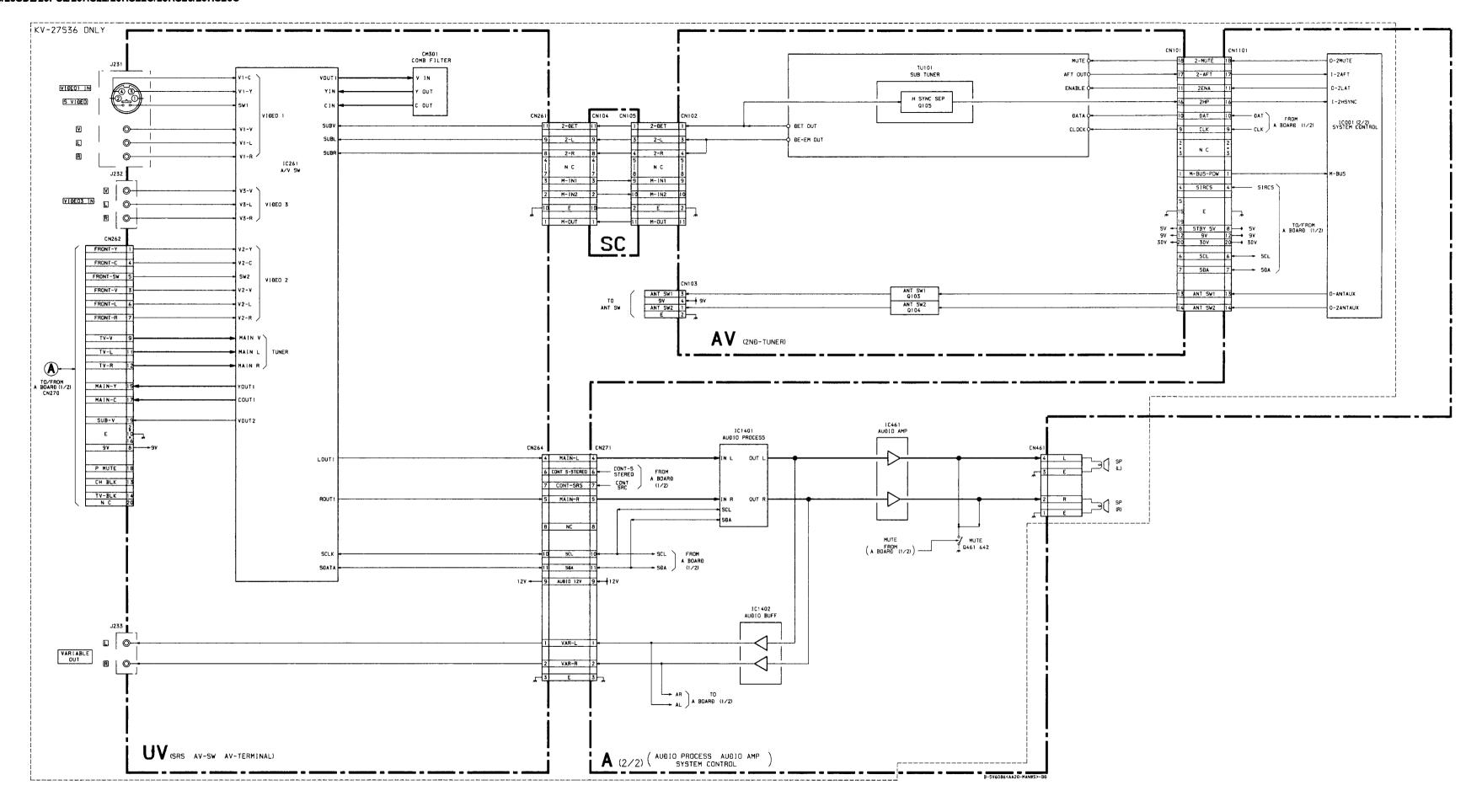
KV-27S22/27S26/27S36/29SD2/29PS2/29RS22/29RS22C/29RS26/29RS26C

NOTES:						
			· · · · · · · · · · · · · · · · · · ·	······································		
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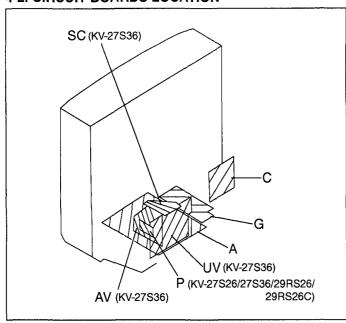
4-1. BLOCK DIAGRAM





SECTION 4 DIAGRAMS

4-2. CIRCUIT BOARDS LOCATION



4-3. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

Note

- All capacitors are in μF unless otherwise noted pF μμF 50WV or less are not indicated except for electrolytics and tantalums
- · All electrolytics are in 50V unless otherwise specified
- All resistors are in ohms kΩ=1000Ω, MΩ=1000kΩ
- Indication of resistance, which does not have one for rating electrical power, is as follows:

Pitch 5mm Rating electrical power 1/4 W

- 1/4 W in resistance, 1/10 W and 1/8 W in chip resistance
- · monflammable resistor
- fusible resistor
- ▲ Internal component
- panel designation and adjustment for repair
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation

Should replacement be required, replace only with the value originally used

When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved.

(Refer to R530 and R531 adjustment on Page 14 - 15)

 When replacing the part in below table, be sure to perform the related adjustment

Part replaced(Adjustment(►)
,,	521 R530,R531 J, R531, BOARD BOARD

Reference information

RESISTOR RN METAL FILM

RC SOLID

FPRD NONFLAMMABLE CARBON
FUSE NONFLAMMABLE FUSIBLE
RW NONFLAMMABLE WIREWOUND
RS NONFLAMMABLE METAL OXIDE
RB NONFLAMMABLE CEMENT
X ADJUSTMENT RESISTOR

COIL LF-8L MICRO INDUCTOR

CAPACITOR TA TANTALUM
PS STYROL

PP POLYPROPYLENE

PT MYLAR

MPS METALIZED POLYESTER

MPP METALIZED POLYPROPYLENE

ALB BIPOLAR

ALT HIGH TEMPERATURE

ALR HIGH RIPPLE

Note

The symbol # display is on the component side

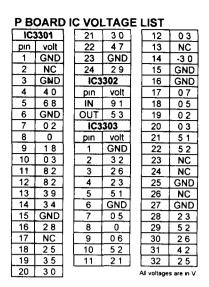
The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

The symbol Indicate fast operating fuse Replace only with fuse of same rating as marked

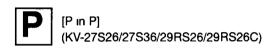
Note

Les composants identifies per un trame et une marque A sont critiques pour la securite Ne les remplacer que par une piéce portant le numéro specifie

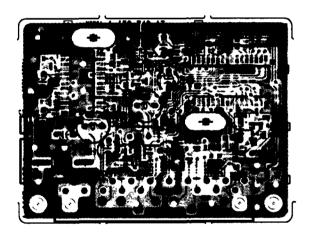
Le symbole — indique une fusible a action rapide Doit etre remplacee par une fusible de meme yaleur, comme maque



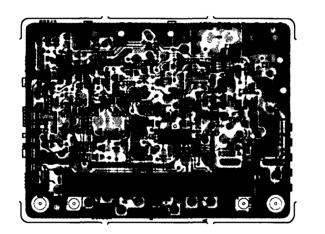
P BOARD TRANSISTOR VOLTAGE LIST						
	В	С	E			
Q3301	5 3	91	47			
Q3305	0.5	GND	12			
Q3306	0.8	GND	14			
Q3307	0.6	GND	13			
Q3308	0	28	GND			
Q3310	0	5 2	GND			
Q3312	0	0	0.8			
Q3313	0.8	04	GND			
		Al	I voltages are in V			



< COMPONENT SIDE>

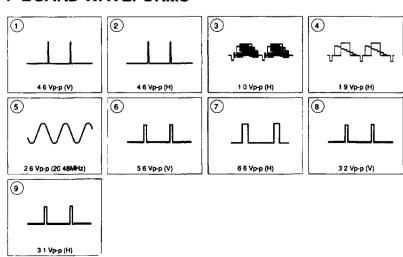


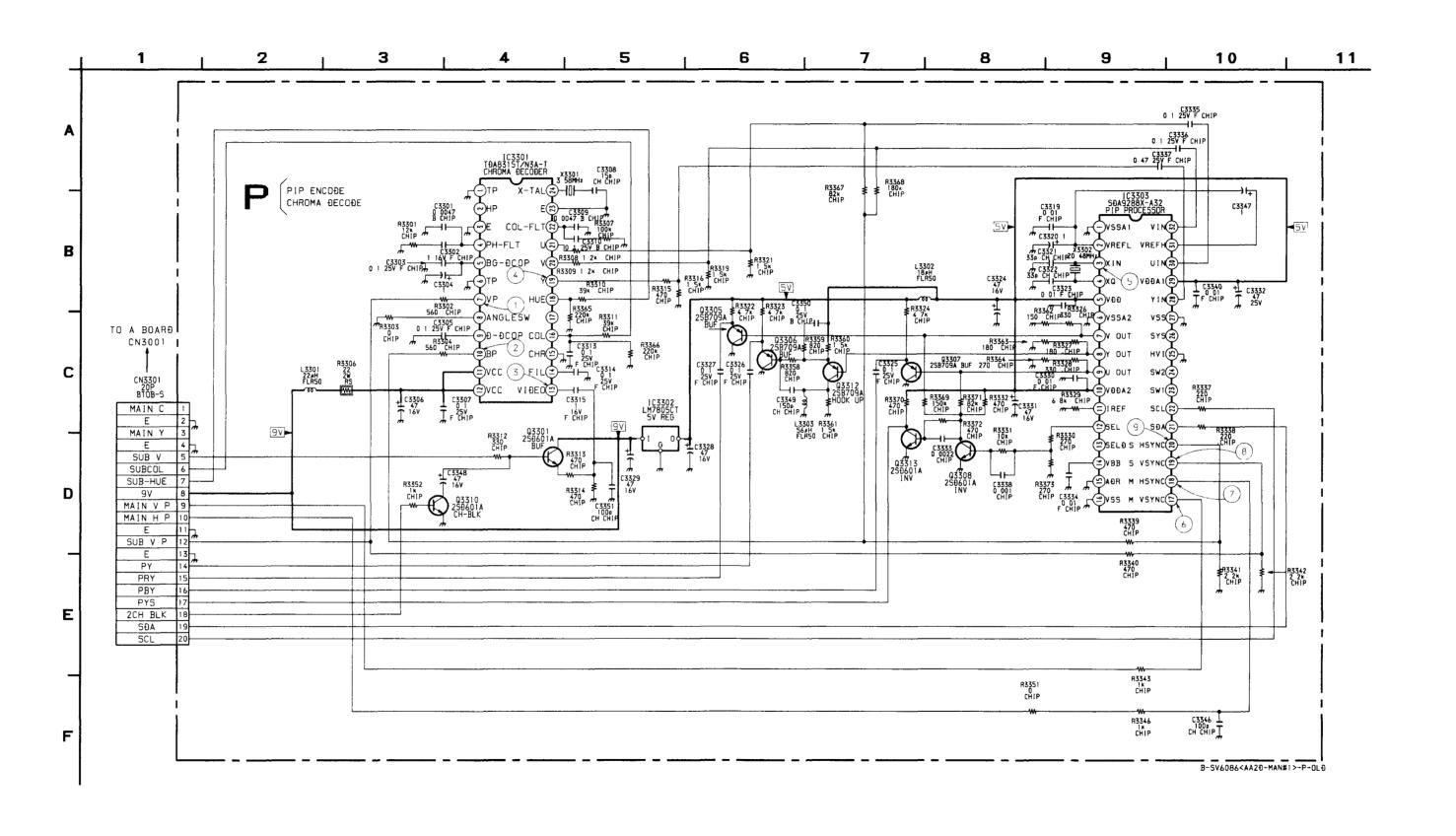
<CONDUCTOR SIDE>

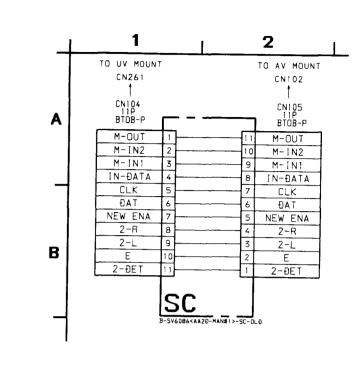


Pattern from the side which enables seeing
 Pattern of the rear side

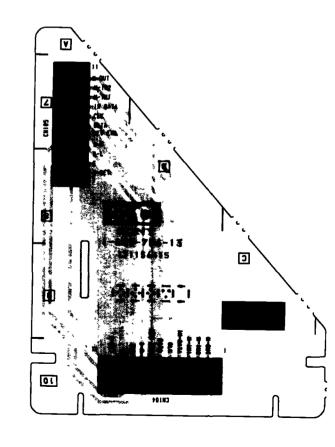
P BOARD WAVEFORMS





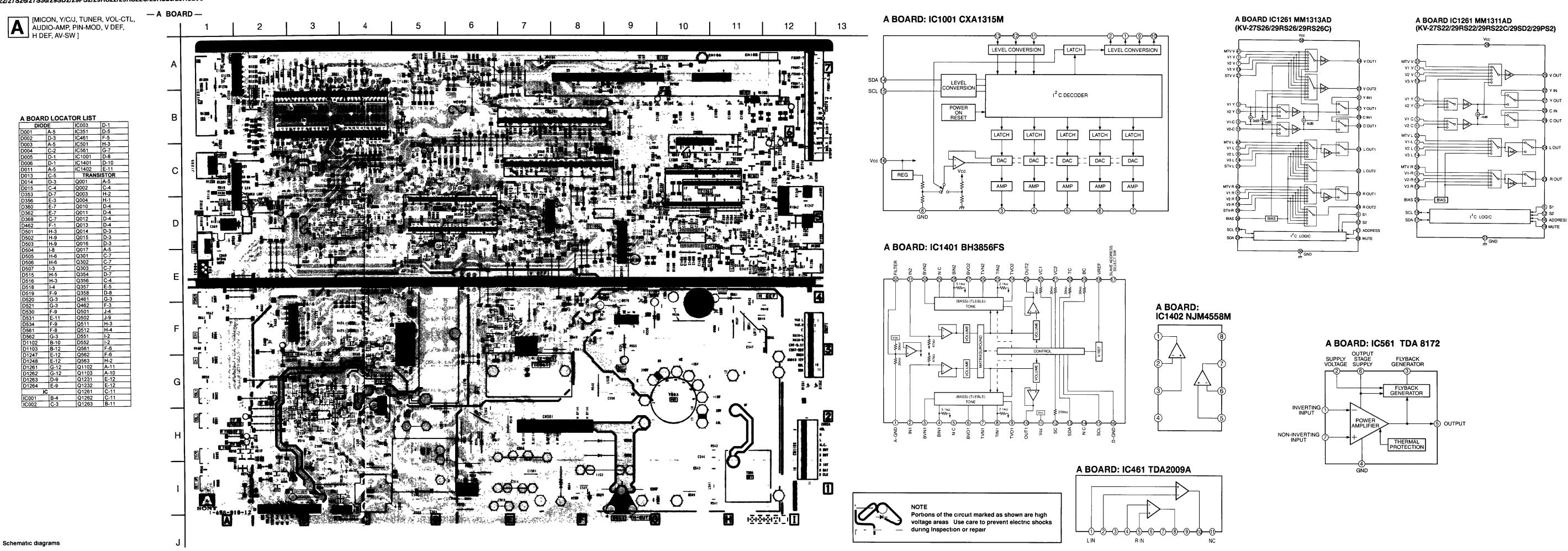






← P SC boards A board →

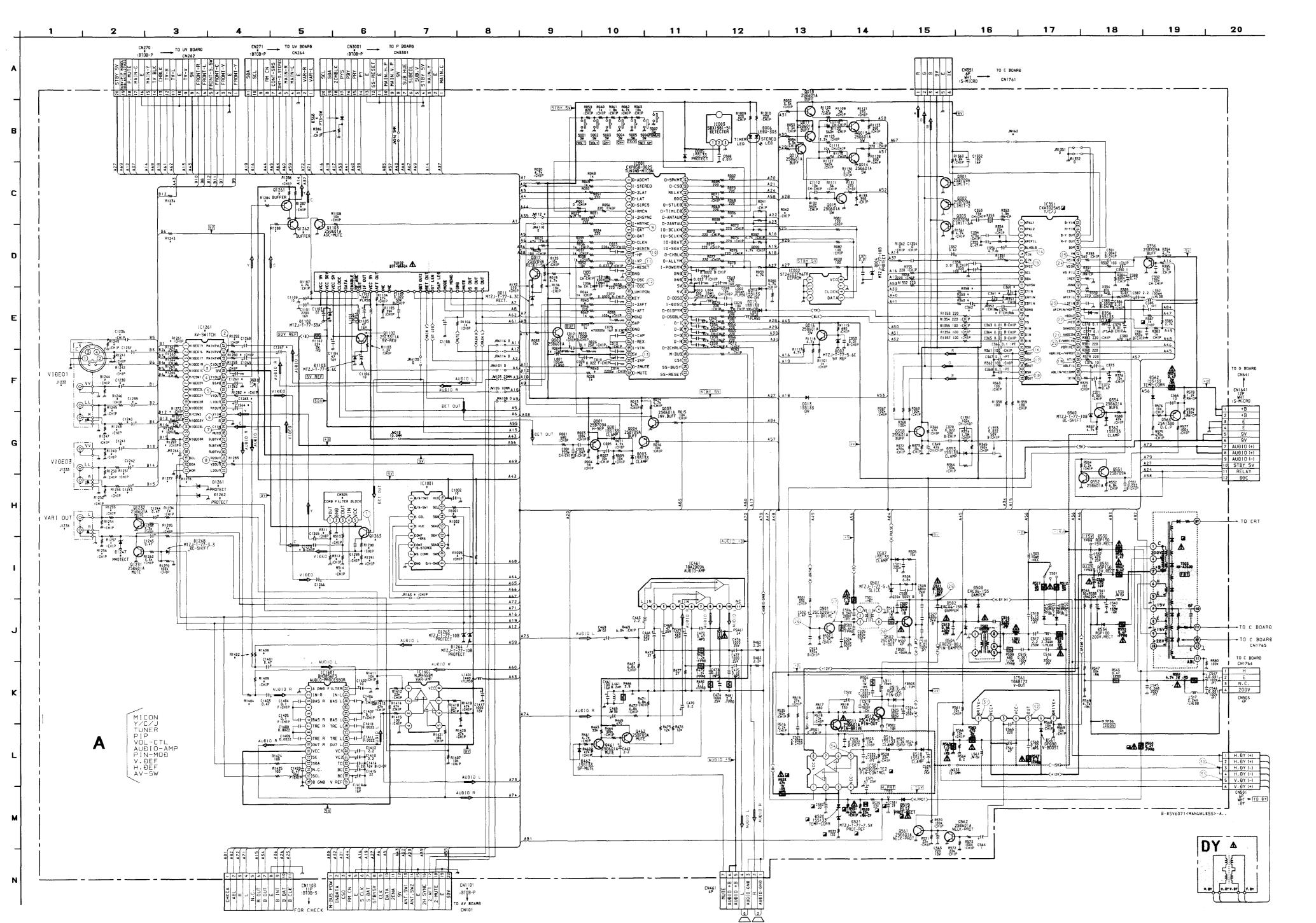
— 31 —



— 33 —

— 34 —

-- 32 --



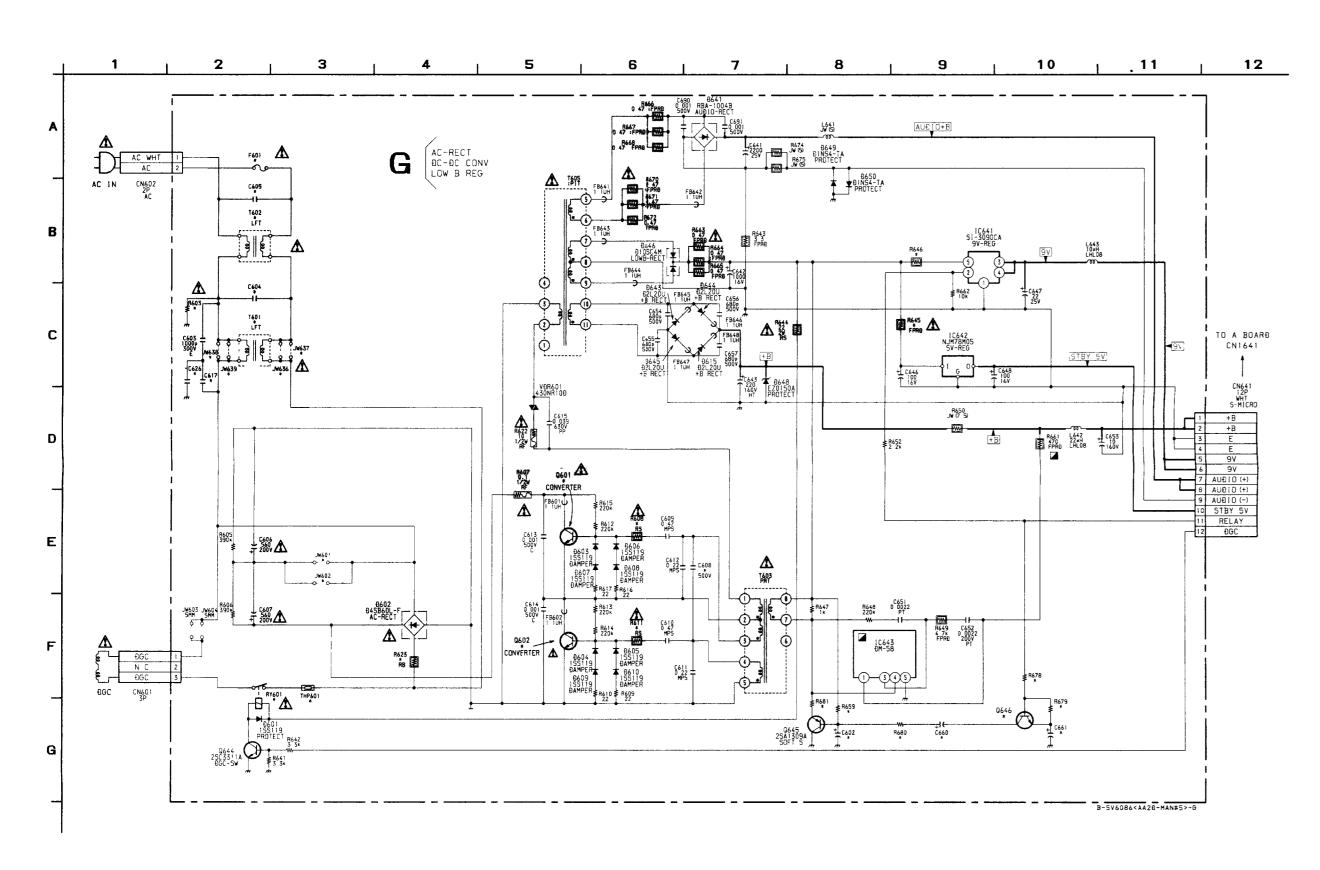
A BOARD (*) MARK LIST

KV-27S22/

IC001	IC VOLTAGE	26 2.3	5 0.0	32	4.4	102.	AGE LIST	С	E
36 4 36 36 36 36 36	53 4.9 54 4.9	26 2.3	6 13.4	33	4.4	Q001	_+	0.9	5.0
pin volt 1 0	55 4.9	28 1.7	7 1.6	34	5.3	Q002		5.0	4.1
2 0	56 5.0	29 6.8	IC1001	35	0.0	Q003	\rightarrow $\overline{}$	4.2	GND
3 0	57 5.0	30 0.7	pin volt	36	4.5	Q004	0.8	GND	1.3
4 0	58 0	31 3.1	1 0.0	37	4.5	Q010	0	8.7	0
5 0	59 3.7	32 3.2	2 0.0	38	9.2	Q01	0	8.7	0
6 5.0	60 0.5	33 3.7	3 3.2	39	3.6	Q012		8.7	0
7 0	61 0	34 4.5	4 2.8	40	4.4	Q01:		0	GND
8 0	62 4.8	35 4.8	5 0.5	41	5.4	Q014		0	GND
9 0.8	63 0	36 8.7	6 0.6	42	4.4 401	Q019		8.7	5.1
0 0	64 4.6 IC002	37 3.4 38 3.6	7 3.8 8 GND	pin	volt	Q01		5.0	5.0
1 0	pin volt	39 4.1	9 0	1	GND	Q30		GND	2.2
3 4.2	1 GND	40 4.3	10 0	2	4.3	Q30:	$\overline{}$	GND	1.8
14 1.3	2 GND	41 2.5	11 GND	3	4.3	Q30		GND	2.0
15 5.0	3 GND	42 GND	12 GND	4	4.3	Q35		GND	-0.5
16 GND	4 GND	43 2.8	13 GND	5	0	Q35		GND	5.6
7 2.6	5 5.0	44 2.8	14 5.0	6	4.3	Q35		8.7	2.0
18 *	6 5.0	45 4.1	15 5.0	7	4.3	Q46		20.6	20.7
19 3.1	7 GND	46 3.3	16 8.7	8	4.4	Q46 Q50		105.6	GNE
20 5.0	8 5.0 IC003	47 6.0 48 0.4	pin volt	10	4.4	Q50		130.8	ONL
21 2.0	pin volt	48 0.4	1 5.1	11	8.7	Q51		-13.0	-15.1
23 0	1 5.2	50 0	2 4.4	12	3.8	Q51		-22	-15.9
24 0	2 5.2	IC461	3 5.1	13	4.9	Q55		0	4.8
5 GND	3 GND	pin volt	4 4.4	14	0	Q55		4.2	0
26 0	IC351	1 1.5	5 5.0	15	5.0	Q56		0	GNE
27 1.6	pin volt	2 3.5	6 4.5	16	0	Q56		0.02	GNE
28 2.4	1 NC	3 12.2	7 6.2	17	4.0	Q56		9.2	134. 5.3
29 5.0	2 NC	4 3.5 5 1.5	9 6.0	18	4.0 2.0	Q110		2.5	GNE
30 0.2 31 0	3 2.2 4 5.9	6 0	10 4.4	20	2.0	Q123		0	GNE
32 0	5 4.1	$\frac{3}{7}$	11 5.1	21	0	Q123		0	GNE
33 0	6 4.6	8 0.3	12 0.3	22	ŏ	Q126		GND	5.1
34 0	7 4.3	9 22.1	13 5.1	23	4.3	Q126	3.7	GND	4.3
35 0	8 9.2	10 0.3	14 4.4	24	4.3	Q126	3 4.6	9.2	3.9
36 0	9 5.2	11 0	15 0	25	4.3			All vo	oltages are
37 0	10 5.2	1C501	16 4.4 17 0	26	4.3				
38 0 39 0	11 0.3 12 6.6	pin volt 1 3.4	18 0	28	4.3				
40 0	13 6.3	2 7.9	19 5.2	29	0				
41 0	14 6.3	3 8.3	20 5.2	30	4.3				
42 0	15 GND	4 -16.5	21 0	31	4.3				
43 0	16 0	5 2.3	22 4.4	32	5.6				
44 3.0	17 0	6 2.8	23 5.2		402				
45 3.0	18 5.2	7 -16.0	24 4.4	pin	volt				
46 5.0	19 5.2	8 12.6	25 4.4 26 4.4	1 2	4.2				
47 5.0 48 GND	20 5.2	pin volt	27 6.5	3	4.3				
48 GND 49 GND	22 2.2	1 1.6	28 0.3	4	GND				
50 5.0	23 5.1	2 12.6	29 5.0	5	4.3				
51 0	24 1.8	3 -14.5	30 GND	6	4.3				
52 0	25 4.5	4 -16.6	31 5.8	7	4.3				
				8	8.7				
			,	All voltage	s are in V				
			C	annot be	neasured				

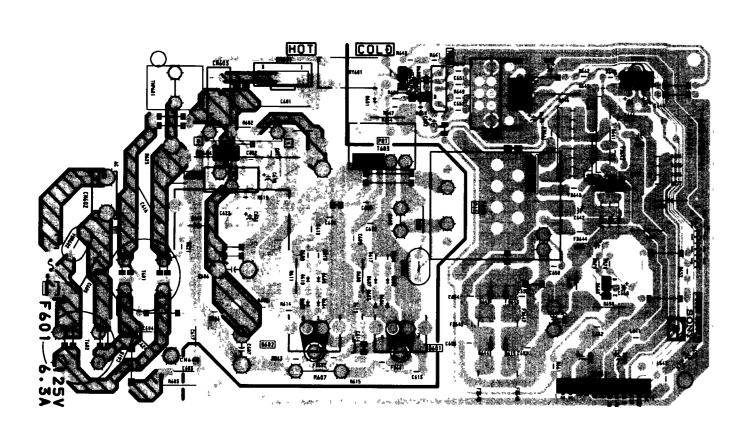
A BOARD WAVEFORMS

	AVEFORMS	[
①	2	(3)	4
		-p	JEF-LEF-W
2.0 Vp-p (H)	1.0 Vp-p (H)	1.8 Vp-p (H)	1.8 Vp-p (H)
(5)	6	1	8
	JEFFJEFF-		- J
1.8 V _P -p (H)	1.8 Vp-p (H)	1.8 Vp-р (H)	1.0 Vp-p (H)
9	10	10	12
			////
4.5 Vp-p (H)	5.3 Vp-р (H)	4.5 Vp-ρ (V)	3.8 Vp-p (12MHz)
13	14	15)	16
	"The The	-Julie - 19-1	
3.9 Vp-p (V)	1.9 Vp-p (H)	1.9 Vp-p (H)	4.5 Vp-ρ (H)
17	18	19	20
	higger higger		
3.3 Vp-p (H)	3.6 Vp-p (H)	5.5 Vp-p (V)	1.3 Vp-p (V)
21)	22	23	24
77			1252
0.6 Vp-p (V)	5.3 Vp-p (H)	6.3 Vp-p (H)	1.7 Vp-p (H)
(25)	26	27	28
1224		mm	
1.7 Vp-p (H)	2.4 Vp-p (H)	228 Vp-p (H)	49.0 Vp-p (H)
29	30	39	32
//_	WWW	1	1-1-
1070 Vp-p (H)	294 Vp-p (H)	1.4 Vp-p (V)	57.0 Vp-p (V)
33	34		
77	77		
2.6 Vp-p (V)	2.4 Vp-p (H)		



[AC-RECT, DC-DC CONV , LOW B REG]

— G BOARD —

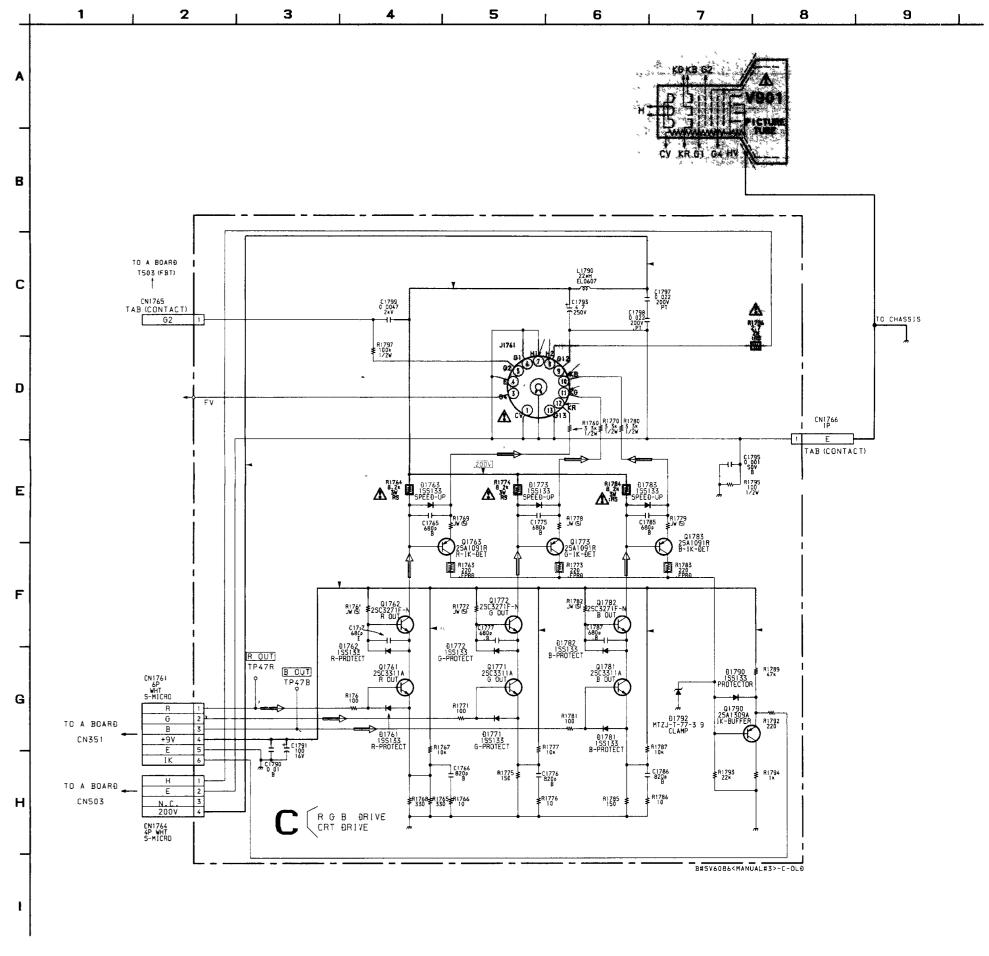


	KV-27S22/ 27S26	KV-27\$36	KV-29RS26C/ 29RS22C	KV- 29RS26/29PS2/2 9SD2/29RS22
C602	#	#	47	#
C604	#	22 125V	#	#
C605	22/125V	22 125V	22/300V	22/125V
C608	680p/500V	680p/500V	001/500V	680p/500V
C617	1000p 250V	1000p 250V	1000p 250V	#
C626	JW(7 5)	JW(7 5)	100p/300V	JW(7 5)
C660	JW(5)	JW(5)	#	JW(5)
C661	4 7	4 7	#	4 7
F601	6 3A/125V	6 3A/125V	6 3A/250V	6 3A/125V
JW601	5MM	5MM	#	5MM
JW602	5MM	5MM	#	5MM
JW636	#	#	10MM	10MM
JW637	#	#	10MM	10MM
JW638	#	#	10MM	10MM
JW639	#	#	10MM	10MM
Q601	2SC4834MNP	2SC4834MNP	2SC4834NP	2SC4834MNP
Q602	2SC4834MNP	2SC4834MNP	2SC4834NP	2SC4834MNP
Q646	2SC3311A	2SC3311A	#	2SC3311A
R603	2 2M 1/2W	2 2M 1/2W	8 2M 1W	2 2M 1/2W
R608	1 8 2W	18 2W	1 2W	1 8 2W
R611	1 8 2W	18 2W	1 2W	1 8 2W
R623	1 20W	1 20W	3 9 20W	1 20W
R645	JW(5)	JW(5)	10 1/2W	JW(5)
R646	1 2W	JW(7 5)	JW(7 5)	1 2W
R659	#	#	10K	#
R678	22K	22K	#	22K
R679	22K	22K	#	22K
R680	10K	10K	#	10K
R681	150	150	JW(5)	150
RY601	1-755-018-11	1-755-146-11	1-755-018-11	1-755-018-11
T601	1-426-717-11	1-426-717-11	#	#
T602	1-424-220-21	1-424-220-21	1-426-717-11	1-426-717-11
TH601	1-809-539-21	1-809-539-21	1-809-827-11	1-809-539-21

G BOARD TRANSISTOR

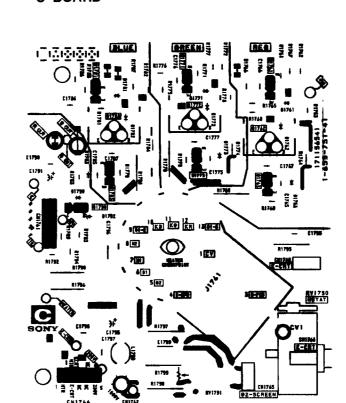
VOLTAGE LIST

B C E
Q601 145 2 294 0 147 5
Q602 -1 7 147 5 GND
Q644 -0 3 10 5 GND
Q645 7 0 GND 7 6



[R,G,B DRIVE, CRT DRIVE]

-C BOARD-



C BOARD WAVEFORMS

(2)
(3)
(4)
(44 Vp-p (H))
(5)
(6)
(7)
(143 Vp-p (H))
(153 Vp-p (H))
(2)
(3)
(4)
(4)
(7)
(143 Vp-p (H))
(153 Vp-p (H))
(2)
(3)
(4)
(4)
(4)
(4)
(4)
(4)
(4)
(4)
(5)
(6)
(7)
(143 Vp-p (H))
(153 Vp-p (H))
(153 Vp-p (H))
(153 Vp-p (H))

C BOARD TRANSISTOR

VOLTAGE LIST

B C E
Q1761 22 82 17
Q1762 87 134 1 82
Q1763 134 1 23 132 0
Q1771 18 82 13
Q1772 87 146 4 82
Q1773 146 4 23 144 1
Q1781 21 82 16
Q1782 87 133 7 82
Q1783 133 7 23 131 5
Q1790 22 02 25

All voltages are in

chematic diagrams

← A board G C boards →

— 39 —

G BOARD IC VOLTAGE LIST

	pın	volt
IC641	1	GND
,	2	39
	3	8 9
	4	8 9
	5	10 5
IC642	IN	9 5
	OUT	50
IC643	1	135
	2	NC
	3	25
	4	78
	5	GND

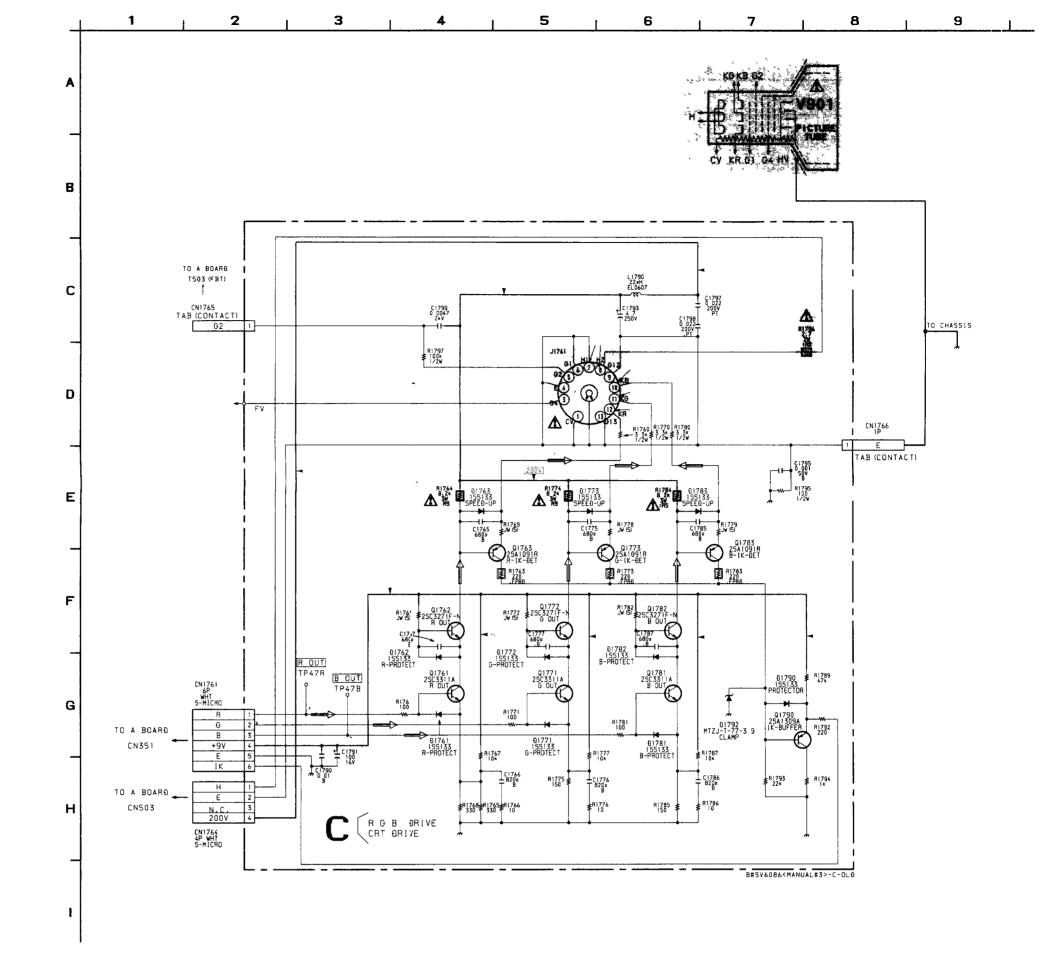
All voltages are in V

G BOARD TRANSISTOR

VC	J.	ΓAG	ΕL	IST

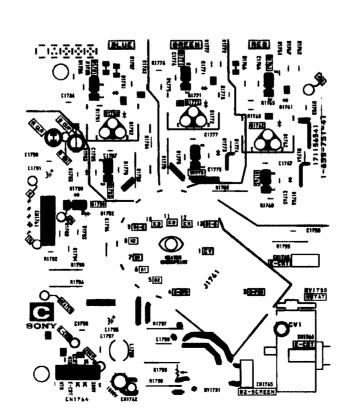
	В	C	E
Q601	145 2	294 0	147 5
Q602	-1 7	147 5	GND
Q644	-0 3	10 5	ĞND
Q645	70	GND	76
Q646 4.8		7.4	4.8

All voltages are in V

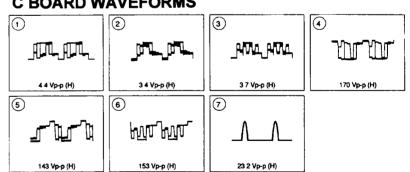


[R,G,B DRIVE, CRT DRIVE]

-C BOARD -

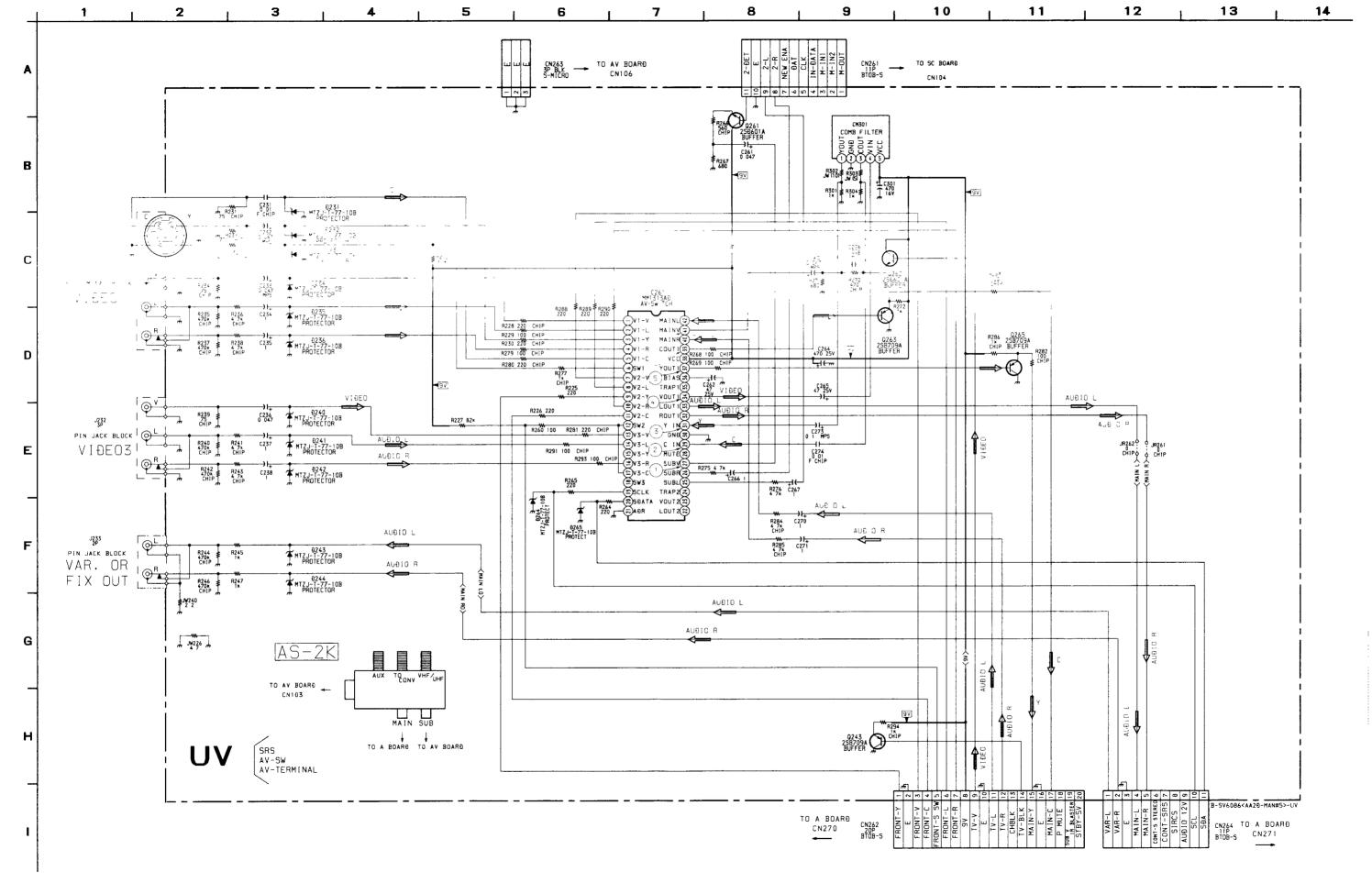


C BOARD WAVEFORMS



C BOARD TRANSISTOR

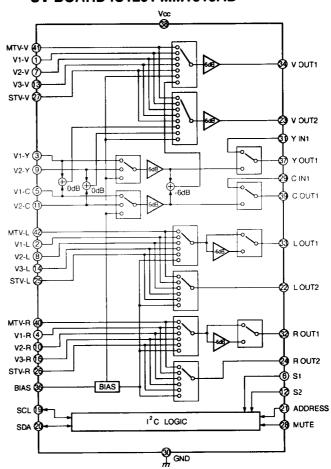
C DOAKL	C BOARD TRANSISTOR					
VOLTAGE LIST						
	В	С	E			
Q1761	22	8 2	17			
Q1762	87	134 1	82			
Q1763	134 1	23	132 0			
Q1771	18	8 2	13			
Q1772	8 7	146 4	8 2			
Q1773	146 4	23	144 1			
Q1781	2 1	8 2	16			
Q1782	87	133 7	8 2			
Q1783	133 7	23	131 5			
Q1790	22	02	25			



UV BOARD IC VOLTAGE LIST

UV BOARD IC					
IC261					
pın	volt				
1	4 8				
2	42				
3	48				
4	4 2				
5	4 8				
6	4 5				
7	4 8				
8	4.2				
9	4 8				
10	4 2				
11	4 9				
12 13	58				
13	4 8				
14	4 2				
15	0				
16	4 2				
17	5 8				
18	NC				
19	5 0				
20	49				
21	GND				
22	NC				
23	NC				
24	NC				
25	4 2				
26	61				
27	61				
28	NC				
29	4 8				
30	GND				
31 32 33	56				
32	4 1				
33	4 1				
34	5 0				
35	NC 4.2				
36	42				
37 38	4 3 8 7				
	0 /				
39	3 4				
40	42				
	5 2 4 2				
42	42				

UV BOARD IC1261 MM1313AD



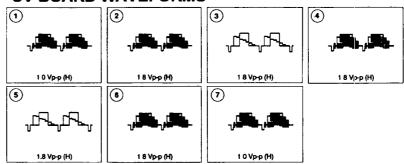
All voltages are in V

UV BOARD TRANSISTOR VOLTAGE LIST

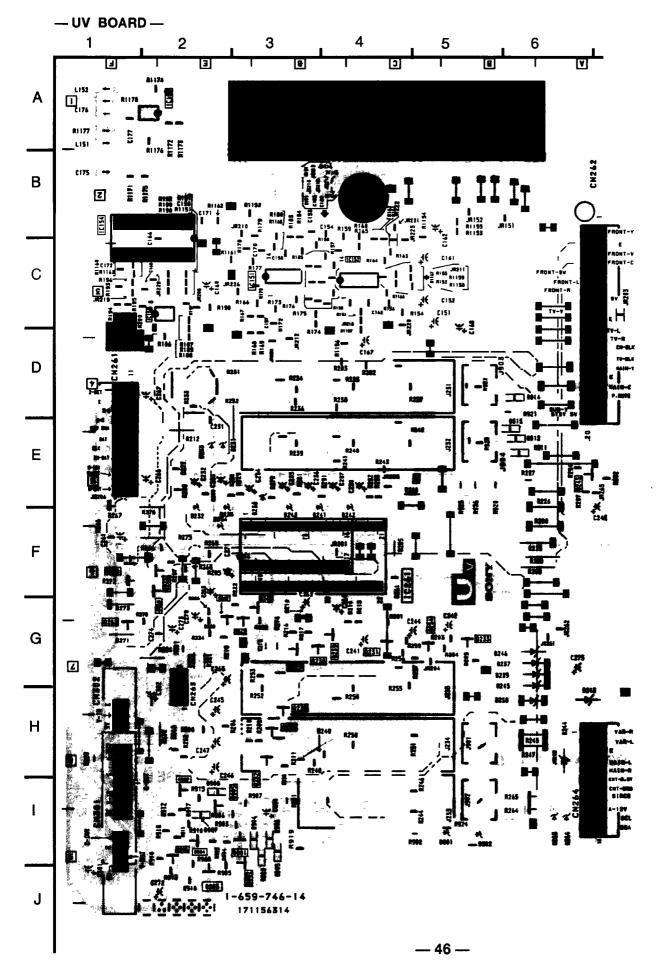
INAMOISTON FOLIAGE EIG					
	В	С	E		
Q243	02	GND	0 9		
Q261	46	87	40		
Q262	49	8.7	4 2		
Q263	34	GND	41		
Q265	43	GND	4 9		

All voltages are in V

UV BOARD WAVEFORMS





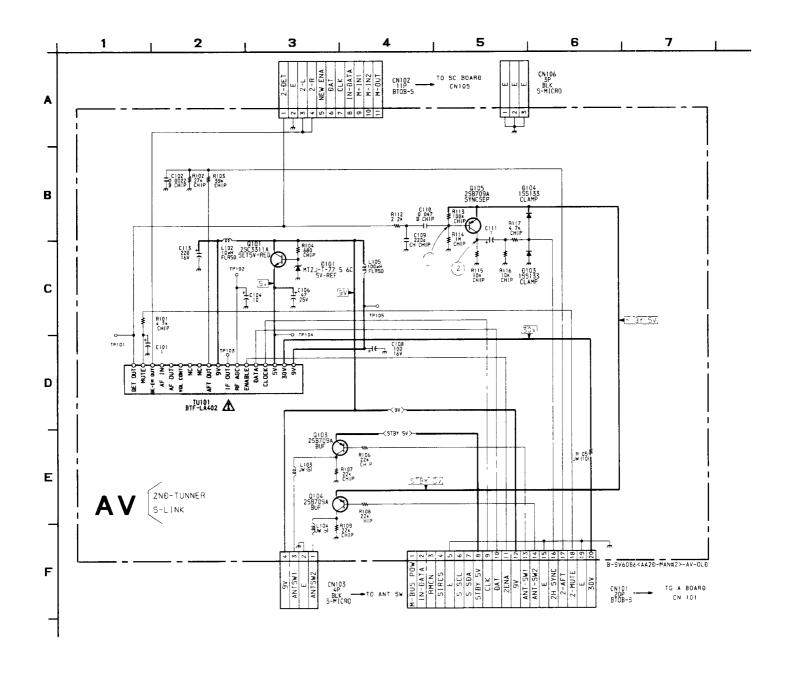


UV BOARD LOCATOR LIST DIODE D231 E-2 D232 E-2 D233 E-2 D235 E-2 D236 D240 D241 D242 D243 G-6 D244 H-6 D246 D264 I-6 D265 IC261 F-4 TRANSISTOR Q243 E-6 Q261 Q262 G-1

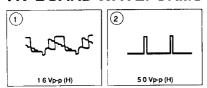
F-2

F-2

Q263 Q265



AV BOARD WAVEFORMS



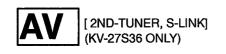
AV BOARD TRANSISTOR VOLTAGE LIST

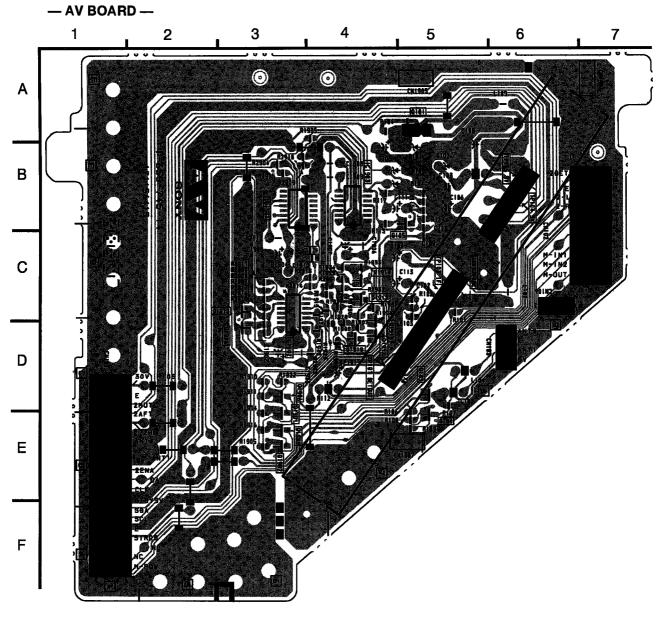
AT BOARD HOUSELEST				
	В	С	Е	
Q101	58	87	5 1	
Q103	43	49	50	
Q104	50	0	50	
Q105	50	0.8	50	

All voltages are in V

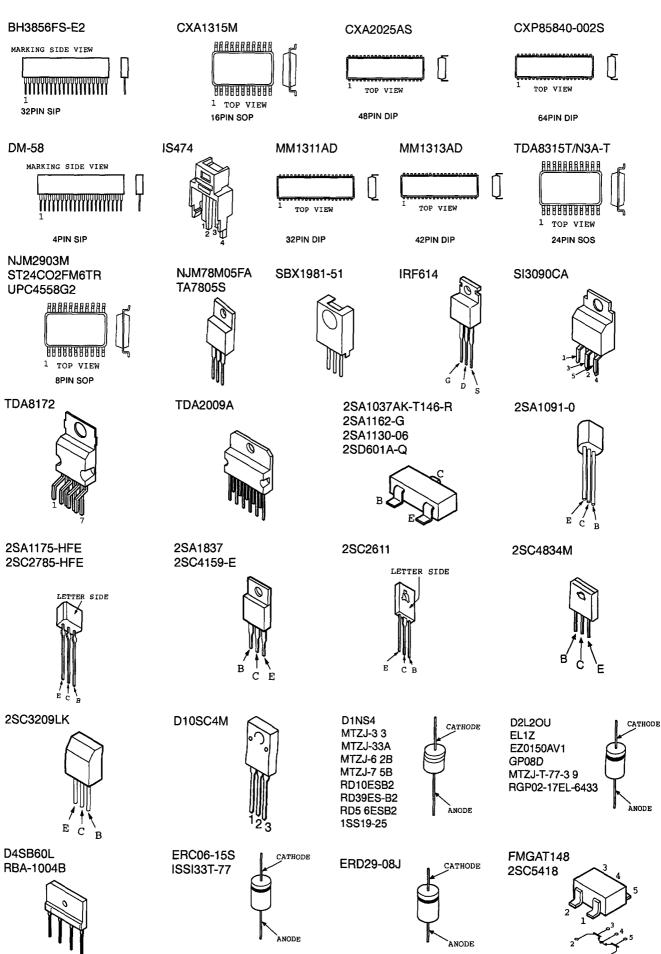
Schematic diagrams







4-4. SEMICONDUCTORS



SECTION 5 EXPLODED VIEW

- Items with no part number and no description are not stocked because they are seldom required for routine service
- The component parts of an assembly are indicated by the reference numbers in the remarks column
- Items marked " * " are not stocked since they are seldom required for routine service Some delay should be anticipated when ordering these items

Note:

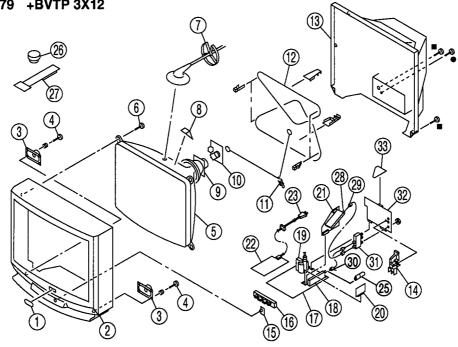
The components identified by shading and mark ∆ are critical for safety Replace only with part number specified.

Les composants identifies per un trame et une marque Δ sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie

5-1. CHASSIS

■ 7-685-663-79 SCREW +BVTP 4X16

• 7-685-648-79 +BVTP 3X12



REF	NO.	PART NO.	DESCRIPTION	<u>REMARK</u>
1		4-046-160-01	EMBLEM (NO 9), SONY	
2		4-059-086-01	BEZNET (KV-27S22/29RS22	2/29RS22C)
2		4-059-447-01	BEZNET (KV-27S26/29RS26	5/29RS26C)
2		4-059-447-11	BEZNET (KV-29SD2/29PS2)	
2		4-059-447-21	BEZNET (KV-27\$36)	
3		1-504-531-11	SPEAKER (13.1X6.2CM)	
4		4-388-477-01	SCREW (3X16), TAPPING, +	BV WASHER
5	Δ	8-733-848-05	CRT-29PXD (A68KZJ50X)	*
			(EXCEPT	KV-29RS22C/29RS26C)
5	Δ	8-733-849-05	CRT 29PXD (A68KZJ50X)	* * *
			The state of the state of	(KV-29RS22C/29RS26C)
6			SCREW (7), TAPPING	
7		3-704-372-31	HOLDER, HV CABLE	
8		4-053-005-01	SPACER, DY	
9	Δ	8-451-275-42	DEFLECTION YOKE Y28PF	A I
10	*	A-1331-549-A	C BOARD, COMPLETE	
11		4-036-329-01	SPRING (B), TENSION	
12	Δ	1-406-726-81	COIL, DEMAGNETIC (KV-29	RS22C/29RS26C)
12	Δ	1-411-899-11	COIL, DEMAGNETIC	
			(EXCEPT	KV-29RS22C/29RS26C)
13		4-054-519-01	COVER, REAR (KV-27S36)	
13		4-052-462-01	COVER, REAR (KV-27S26/2	9RS26/29RS26C)
13		4-052-462-21	COVER, REAR	
			(27S22/29RS22/	29RS22C/29SD2/29PS2)
14	*	4-052-905-01	V5/6 BRACKET (KV-27S36)	·
15		4-052-461-01	GUIDE, LED	
16		4-052-460-01	BUTTON, MULTI	50
				<u>~</u> ~()

REF.NO.	PART NO.	DESCRIPTION	REMARK
17 *	A-1298-061-A	A BOARD, COMPLETE	
		(KV-27	S22/29RS22/29RS22C/29SD2/29PS
17 *	A-1298-162-A	A BOARD, COMPLETE (27	7S26/29RS26/29RS26C)
17 *	A-1298-163-A	A BOARD, COMPLETE (27	7\$36)
18 A	8-598-340-00	TUNER BTF-WA405	But the state of the state of
19 A	1-453-207-11	TRANSFORMER ASSY, FL	YBACK,NX-2609//X4C
20 *	A-1195-103-A	P BOARD, COMPLETE (K	V-27S26/27S36/29RS26/29RS26C)
21 *	A-1297-905-A	AV BOARD, COMPLETE (I	KV-27S36)
22 *	A-1316-249-A	G BOARD, COMPLETE (K	V-27S22/27S26)
22 *	A-1316-252-A	G BOARD, COMPLETE (K	V-29RS22C/29RS26C)
22 *	A-1316-261-A	G BOARD, COMPLETE (K	V-27S36)
22 *	A-1316-296-A	G BOARD, COMPLETE (K	V-29RS22/29RS26/29SD2/29PS2)
23 ′ Å′	1-751-059-11	CORD, POWER (WITH CO	NNECTOR) 10A/250V ^{2, 11} 11 ² 24, 111 (NNECTOR) 10A/250V ² 211111111111111111111111111111111111
r ı	22 MIN 1. 1812		(EXCEPT KV-29RS22C/29RS260
23 A	1-769-796-41	CORD, POWER (WITH CO	INNECTOR) 10A/125V
	~	in hilling the series	(KV-29RS22C/29RS26)
25	1-766-374-11	PLUG, F-PIN (EXCEPT KV	^r -27\$36)
26	1-452-032-00	MAGNET, DISC	
27	X-4306-312-0	PERMALLOY CONVERGE	ENCE
28 A	8-598-339-00	TUNER BTF-LA402 (KV-27	7836)
29 *	1-557-056-31	CABLE, P-P (KV-27S36)	
30 *	1-556-945-21	CABLE, P-P (KV-27S36)	
31	8-598-414-00	CHANGER, ANTENNA AS	-2K (KV-27S36)
32 *	A-1394-863-A	UV BOARD, COMPLETE (KV-27S36)
JZ			

SECTION 6 ELECTRICAL PARTS LIST



Note

The components identified by shading and mark Δ are critical for safety Replace only with part number specified

Les composants identifies per un trame et une marque Δ sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie The components identified by
☐ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted

RESISTORS

- · All resistors are in ohms
- F nonflammable

CAPACITORS INDUCTORS

■ MF = µF UH = µH

MMH = mH

When indicating parts by reference number, please include the board name

REF.NO	PART NO.	DESCRIPTION		RE	MARK	REF.NO.	PART NO	DESCRIPTION		RE	<u>MARK</u>
D					1	C3338	1 160 141 00	CERAMIC CHIP	0 001MF	5%	50V
								CERAMIC CHIP	0 001MF	370	50V
L	-					C3340 C3346		CERAMIC CHIP	100PF	5%	50V 50V
*	A 4405 400	A DROADD COM	IDI ETE		1	U3340	1-103-231-11	CERAWIC CHIP	IUUPF	370	9U V
-	A-1190-100	-A P BOARD, COM (KV-27S26/27		:/20DG	SOC ONLY	C3347	1-126-960-11	ELECT	1MF	20%	50V
		(NV-21320121	300/23N32(// ZJNG	200 OILLI	C3348	1-126-967-11		47MF	20%	16V
	CAPACITO	D				C3349		CERAMIC CHIP	150PF	5%	50V
	OAFAOITO	<u>11</u>				C3350		CERAMIC CHIP	0 1MF	10%	25V
C3301	1-163-017-00	CERAMIC CHIP	0 0047MF	10%	50V	C3351		CERAMIC CHIP	100PF	5%	50V
C3302		CERAMIC CHIP	1MF	1070	16V	00001	1-100-201-11	OLI MINO OTTI	10011	0 /0	001
C3303		CERAMIC CHIP	0 1MF		25V		CONNECTO	ND.			
C3304	1-126-960-11		1MF	20%	50V		COMMECT	<u> </u>			
C3305		CERAMIC CHIP	0 1MF	EU /U	25V	CN3301*	1.764.816.11	CONNECTOR, BOAR	D TO BOAR	D 20P	
00000	1-100-000-31	OLI MINIO OTTI	O TIVII			0110001	1-704-010-11	COMMEDICAL, BOAL	D 10 DOAI	10 201	
C3306	1-126-967-11	ELECT	47MF	20%	16V		<u>IC</u>				
C3307		CERAMIC CHIP	0 1MF		25V		10				
C3308		CERAMIC CHIP	15PF	5%	50V	IC3301	8-759-366-24	IC TDA8315T/N3A-T			
C3309		CERAMIC CHIP	0 0047MF	10%	50V	IC3302	8-759-231-53				
C3310		CERAMIC CHIP	0 1MF	10%	25V	IC3303		IC SDA9288X-A141			
••••						100000					
C3313	1-163-038-91	CERAMIC CHIP	0 1MF		25V		COIL				
C3314	1-163-038-91	CERAMIC CHIP	0 1MF		25V						
C3315	1-164-346-11	CERAMIC CHIP	1MF		16V	L3301	1-408-413-00	INDUCTOR	22UH		
C3319	1-163-031-11	CERAMIC CHIP	0 01MF		50V	L3302	1-410-473-11	INDUCTOR	18UH		
C3320	1-126-960-11	ELECT	1MF	20%	50V	L3303	1-408-418-00		56UH		
C3321	1-163-239-11	CERAMIC CHIP	33PF	5%	50V		TRANSISTO	<u> </u>			
C3322	1-163-239-11	CERAMIC CHIP	33PF	5%	50V						
C3323	1-163-031-11	CERAMIC CHIP	0 01MF		50V	Q3301	8-729-422-27	TRANSISTOR 2SD60	1A-Q		
C3324	1-126-967-11	ELECT	47MF	20%	16V	Q3305	8-729-216-22	TRANSISTOR 2SA11	62-G		
C3325	1-163-038-91	CERAMIC CHIP	0 1MF		25V	Q3306	8-729-216-22	TRANSISTOR 2SA11	62-G		
						Q3307		TRANSISTOR 2SA11			
C3326	1-163-038-91	CERAMIC CHIP	0 1MF		25V	Q3308	8-729-422-27	TRANSISTOR 2SD60	1A-Q		
C3327	1-163-038-91	CERAMIC CHIP	0 1MF		25V						
C3328	1-126-967-11	ELECT	47MF	20%	16V	Q3310	8-729-422-27	TRANSISTOR 2SD60	1A-Q		
C3329	1-126-967-11	ELECT	47MF	20%	16V	Q3312		TRANSISTOR 2SA11			
C3330	1-163-031-11	CERAMIC CHIP	0 01MF		50V	Q3313	8-729-422-27	TRANSISTOR 2SD60	1A-Q		
C3331	1-126-967-11		47MF	20%	16V		RESISTOR				
C3332	1-104-664-11		47MF	20%	25V						
C3333		CERAMIC CHIP	0 0022MF	5%	50V	R3301		METAL GLAZE	12K	5%	1/10W
C3334		CERAMIC CHIP	0 01MF		50V	R3302		METAL GLAZE	560	5%	1/10W
C3335	1-163-038-91	CERAMIC CHIP	0 1MF		25V	R3303		CONDUCTOR, CHIP	(2012)		4 (4 6) ***
						R3304		METAL GLAZE	560	5%	1/10W
C3336		CERAMIC CHIP	0 1MF		25V	R3306		METAL OXIDE	22	5%	2W F
C3337	1-164-005-11	CERAMIC CHIP	0 47MF		25V !	R3307	1-216-097-91	METAL GLAZE	100K	5%	1/10W



Note The components identified by shading and mark A are critical for safety Replace only with part number specified

Note

Les composants identifies per un trame et une marque ∆ sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie

REF.NO.	PART NO	DESCRIPTION		<u> </u>	EMARK	REF NO	PART NO	DESCRIPTION		<u>R</u>	<u>EMARK</u>
R3308	1-216-051-00	METAL GLAZE	1 2K	5%	1/10W		CRYSTAL				
R3309		METAL GLAZE	1 2K	5%	1/10W		OHIOTAL				
R3310		METAL GLAZE	39K	5%	1/10W	X3301	1 567 505 14	OSCILLATOR, CRYS	TAI		
R3311		METAL GLAZE									
			39K	5%	1/10W	X3302	1-/60-090-21	VIBRATOR, CRYSTA	L		
R3312	1-216-037-00	METAL GLAZE	330	5%	1/10W						
R3313	1-216-041-00	METAL GLAZE	470	5%	1/10W	Ι Δ'	V <u></u>				
R3314		METAL GLAZE	470	5%	1/10W		•				
R3315		METAL GLAZE	470	5%	1/10W						
R3316		METAL GLAZE	1 5K	5%	1/10W	*	A-1297-905	-A AV BOARD, COI	mplete (K	V-27S	36 ONLY)
R3319		METAL GLAZE	1 5K								•
noora	1-210-000-00	WEIAL GLAZE	1 DK	5%	1/10W		CAPACITO	3			
R3321	1-216-053-00	METAL GLAZE	1 5K	5%	1/10W						
R3322		METAL GLAZE	4 7K	5%	1/10W	C101	1-126-960-11		1MF	20%	
R3323		METAL GLAZE	4 7K	5%	1/10W	C102	1-164-161-11	CERAMIC CHIP	0 0022MF	10%	50V
R3324		METAL GLAZE	47K	5%	1/10W	C104	1-126-964-11	ELECT	10MF	20%	50V
R3326						C106	1-104-664-11	ELECT	47MF	20%	25V
N3320	1-210-03/-00	METAL GLAZE	330	5%	1/10W	C108	1-126-933-11	ELECT	100MF		16V
R3327	1-216-031-00	METAL GLAZE	180	5%	1/10W						
R3328	1-216-037-00	METAL GLAZE	330	5%	1/10W	C109		CERAMIC CHIP	220PF	5%	50V
R3329		METAL GLAZE	6 8K	5%	1/10W	C110		CERAMIC CHIP	0 047MF	10%	
R3330		METAL GLAZE	270	5%	1/10W	C111	1-126-960-11		1MF	20%	50V
R3331		METAL GLAZE	10K	5%	1/10W	C113	1-126-934-11	ELECT	220MF	20%	16V
110001	1-210-070-00	WILIAL GLAZE	IVIX	370	17 10 V¥						
R3332	1-216-041-00	METAL GLAZE	470	5%	1/10W		CONNECTO	<u>)R</u>			
R3337		METAL GLAZE	220	5%	1/10W						
R3338		METAL GLAZE	220	5%	1/10W	CN101	1-573-301-21	CONNECTOR, BOAF	rd to Boari	D 20P	
R3339		METAL GLAZE	470	5%	1/10W	CN102	1-573-979-21	CONNECTOR, BOAF	RD TO BOARI	D 11P	
R3340		METAL GLAZE				CN103 *	1-564-507-11	PLUG, CONNECTOR	4P		
กงงจุบ	1-210-041-00	WEIAL GLAZE	470	5%	1/10W	CN106 *	1-564-506-11	PLUG, CONNECTOR	3P		
R3341	1-216-057-00	METAL GLAZE	2 2K	5%	1/10W						
R3342		METAL GLAZE	2 2K	5%	1/10W		<u>DIODE</u>				
R3343		METAL GLAZE	1K	5%	1/10W						
R3346		METAL GLAZE	1K	5%	1/10W	D101	8-719-109-89	DIODE RD5 6ESB2			
R3351				J 70	171000	D103	8-719-991-33	DIODE 1SS133T-77			
		CONDUCTOR, CHIP	(2012)	=0/	4 (4 6) 14	D104	8-719-991-33	DIODE 1SS133T-77			
R3352	1-210-049-91	METAL GLAZE	1K	5%	1/10W						
R3358	1-216-047-91	METAL GLAZE	820	5%	1/10W		<u>COIL</u>				
R3359		METAL GLAZE	820		1/10W						
R3360		METAL GLAZE	1 5K	5%	1/10W	L102	1-410-470-11	INDUCTOR	10UH		
R3361		METAL GLAZE	1.5K			L105	1-408-421-00	INDUCTOR	100UH		
R3362				5%	1/10W						
N3302	1-210-029-00	METAL GLAZE	150	5%	1/10W		TRANSISTO	<u>DR</u>			
R3363	1-216-031-00	METAL GLAZE	180	5%	1/10W	0404	0 700 440 =0	TRANSISTER COCC	00 1155		
R3364	1-216-035-00	METAL GLAZE	270	5%	1/10W	Q101		TRANSISTOR 2SC27			
R3365		METAL GLAZE	220K	5%	1/10W	Q103		TRANSISTOR 2SA11			
R3366		METAL GLAZE	220K	5%	1/10W	Q104	8-729-216-22	TRANSISTOR 2SA11	62-G		
R3367		METAL GLAZE				Q105	8-729-216-22	TRANSISTOR 2SA11	62-G		
noou	1-210-095-00	WEIAL GLAZE	82K	5%	1/10W						
R3368	1-216-103-00	METAL GLAZE	180K	5%	1/10W		RESISTOR				
R3369	1-216-101-00	METAL GLAZE	150K	5%	1/10W	D404	4 040 005 00	METAL OLATE	4 71/	5 0'	4 (4 (5)))
R3370		METAL GLAZE	470	5%	1/10W	R101		METAL GLAZE	4 7K	5%	1/10W
R3371		METAL GLAZE	82K	5%	1/10W	R102		METAL GLAZE	27K	5%	1/10W
R3372		METAL GLAZE	470	5%	1/10W	R103		METAL GLAZE	39K	5%	1/10W
	011 00		•	₩ /0	.,,,,,,,,	R104		METAL GLAZE	680	5%	1/10W
R3373	1-216-035-00	METAL GLAZE	270	5%	1/10W	R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
						B.40=	4 040 00:	14PP41 AL 1-	***	=	
					}	R107		METAL GLAZE	22K	5%	1/10W
					ı	R108	1-216-081-00	METAL GLAZE	22K	5%	1/10W

Note:

The components identified by shading and mark \triangle are critical for safety Replace only with part number specified

Note:

Les composants identifies per un trame et une marque & sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie

ning a panggapagapagapagan i 1917 kilon 1 sa aba





<u>ref.no.</u>	PART NO.	DESCRIPTION		<u>R</u>	<u>EMARK</u>
R109	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R112	1-249-421-11	CARBON	2 2K	5%	1/4W
R113	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R114	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R115	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R116	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R117	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W

TUNER

TU101 & 8-598-339-00 TUNER, FSS BTF-LA402



- * A-1298-061-A A BOARD, COMPLETE (KV-27S22/29PS2/29SD2/29RS22/29RS22C)
- * A-1298-162-A A BOARD, COMPLETE (KV-27S26/29RS26/29RS26C)
- * A-1298-163-A A BOARD, COMPLETE (KV-27S36)
- * 4-051-927-01 CASE, SHIELD 4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

1-104-760-11 1-126-960-11 1-126-967-11	CERAMIC CHIP ELECT ELECT	220PF 0.047MF 1MF 47MF 0 022MF	5% 10% 20% 20%	50V 50V 50V 50V 50V
1-216-121-91 1-164-161-11	METAL GLAZE CERAMIC CHIP	220 1M 0 0022MF	5% 5% 10%	1/10W 1/10W 50V
1-163-227-11	CERAMIC CHIP	10PF	0 5PF	
1-163-237-11 1-163-231-11	CERAMIC CHIP CERAMIC CHIP	10PF 27PF 15PF	5% 5%	50V 50V
		47PF 47PF	5% 5%	50V 50V
	·	47PF 47PF	5% 5%	50V 50V
1-164-232-11	CERAMIC CHIP	0 0022MF 0 01MF 47PF	10% 10% 5%	50V 50V 50V
1-163-033-91 1-163-033-91 1-126-935-11 1-164-096-11	CERAMIC CHIP CERAMIC CHIP ELECT CERAMIC	0 022MF 0.022MF 470MF 0 01MF 0.01MF	20%	50V 50V 16V 50V 50V
	1-104-760-11 1-126-960-11 1-126-967-11 1-163-033-91 1-216-033-00 1-216-121-91 1-164-161-11 1-163-259-91 1-163-227-11 1-163-227-11 1-163-231-11 1-163-243-11 1-163-243-11 1-164-161-11 1-164-232-11 1-163-243-11 1-163-243-11 1-163-243-11 1-164-161-11 1-164-232-11 1-163-033-91 1-163-033-91 1-126-935-11 1-164-096-11		1-104-760-11 CERAMIC CHIP 1-126-960-11 ELECT 1-163-033-91 CERAMIC CHIP 1-216-033-00 METAL GLAZE 1-216-121-91 METAL GLAZE 1-216-121-91 METAL GLAZE 1-216-121-91 METAL GLAZE 1-163-259-91 CERAMIC CHIP 1-163-259-91 CERAMIC CHIP 1-163-227-11 CERAMIC CHIP 1-163-237-11 CERAMIC CHIP 1-163-231-11 CERAMIC CHIP 1-163-243-11 CERAMIC CHIP 1-164-232-11 CERAMIC CHIP 1-164-033-91 CERAMIC CHIP 1-163-033-91 CERAMIC CHIP 1-163-033-91 CERAMIC CHIP 1-163-033-91 CERAMIC CHIP 1-164-095-11 ELECT 1-104-096-11 CERAMIC CHIP 1-164-096-11 CERAMIC CHIP	1-104-760-11 CERAMIC CHIP

REF.NO.	PART NO	DESCRIPTION		<u>RE</u>	MARK
C072	1-164-161-11	CERAMIC CHIP	0 0022MF	10%	50V
C075		CERAMIC CHIP	0 47MF	10%	16V
				5%	50V
C353		CERAMIC CHIP	15PF		
C354		CERAMIC CHIP	470PF	5%	50V
C355	1-126-959-11	ELECT	0 47MF	20%	50V
C356	1-126-963-11		4 7MF	20%	
C357	1-126-959-11		0 47MF	20%	
C358	1-164-232-11	CERAMIC CHIP	0 01MF	10%	50V
C359	1-126-933-11	ELECT	100MF	20%	16V
C363	1-164-232-11	CERAMIC CHIP	0 01MF	10%	50V
C364	1-164-232-11	CERAMIC CHIP	0 01MF	10%	50V
C365		CERAMIC CHIP	0 01MF	10%	50V
C366	1-137-399-11		01MF	5%	50V
C367	1-137-399-11		0 1MF	5%	50V
C368	1-137-399-11		0.1MF	5%	50V
U300	1-107-099-11	LILIM	U. HVIF	J 70	304
C369		CERAMIC CHIP	47PF	5%	50V
C370	1-163-037-11	CERAMIC CHIP	0 022MF		
C371		CERAMIC CHIP	0 001MF		50V
C372	1-126-959-11		0 47MF	20%	50V
C373	1-126-960-11	ELECT	1MF	20%	50V
C375	1-165-319-11	CERAMIC CHIP		2000/0	50V 9SD2/29PS2)
0070	4 400 004 44	•			•
C376	1-126-964-11		10MF	20%	50V
C377	1-137-399-11		0.1MF	5%	50V
C378	1-136-244-11		0.1MF	5%	50V
C379	1-164-232-11	CERAMIC CHIP	0 01MF	10%	50V
C380	1-126-935-11	ELECT	470MF	20%	16V
C381	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C383	1-137-399-11	FILM	0.1MF	5%	50V
C385	1-164-182-11	CERAMIC CHIP	0 0033MF		50V
C386		CERAMIC CHIP	0 01MF	10%	50V
0000	1 104 202 11	OLI II IIII OI III			
C387	1-126-961-11		2 2MF	20%	50V
C388	1-126-959-11	ELECT	0 47MF	20%	50V
C390	1-126-960-11	ELECT	1MF	20%	50V
		CERAMIC CHIP	0 0047MF	10%	50V
C392		CERAMIC CHIP			
C461	1-126-933-11	ELECT	100MF	20%	16V
	1-126-961-11		2 2MF	20%	
C463			2 2MF	20%	
	1-104-666-11		220MF		
C468	1-104-664-11	ELECT	47MF	20%	25V
C470			2 2MF	20%	
C471			220MF	20%	
C472		FILM	0 47MF		
C473	1-136-169-00	FILM	0 22MF	5%	50V
C474		ELECT	1000MF	20%	25V
C475	1-136-169-00	FILM	0 22MF	5%	50V
C476	1-126-942-61	ELECT	1000MF		
C477			1000MF		
○ +11	I IEU VYE VI		10001111		



The components identified by shading and mark Δ are critical for safety. Replace only with part number specified

Note:

REF.NO.	PART NO.	DESCRIPTION		RE	<u>MARK</u>	REF.NO.	PART NO.	DESCRIPTION		REMARK
			00000						0.00015	
C501	1-102-110-00		220PF	10%		C1107		CERAMIC CHIP	0 022MF	
C502	1-126-959-11		0 47MF	20%	50V	C1108	1-126-960-11		1MF	20% 50V
C503		CERAMIC CHIP	330PF	10%	50V	C1109	1-126-964-11	ELECT	10MF	20% 50V
C504	1-102-212-00	CERAMIC	820PF	10%	500V	C1110	1-163-227-11	CERAMIC CHIP	10PF	0 5PF 50V
C505	1-102-002-00	CERAMIC	680PF	10%	500V	C1111	1-163-227-11	CERAMIC CHIP	10PF	0 5PF 50V
C506	1-106-383-00		0 047MF	10%	200V	C1112	1-163-227-11	CERAMIC CHIP	10PF	0.5PF 50V
C507 A	1-162-116-00	CERAMIC	680PF	10%	2KV	C1236	1-163-031-11	CERAMIC CHIP	0 01MF	50V
C508	1-102-244-00	CERAMIC	220PF	10%	500V				(KV-27S	26/29RS26/29RS26C)
C509	1-162-116-00	CERAMIC	680PF	10%	2KV	C1237	1-136-161-00	FILM	0 047MF	•
C510	1-137-150-11	MYLAR	0 01MF	10%						26/29RS26/29RS26C)
C511 A	1-115-460-11	CHAI	0.022MF -	3%	1.2KV	C1238	1-136-161-00	FILM	0 047MF	
	1-130-895-00		0.056MF			04000	4 400 000 44	FLEOT	4142	(EXCEPT KV-27S36)
				5%	400V	C1239	1-126-960-11	ELECT	1MF	20% 50V
~	1-104-844-11		0,62MF	5%	2007					(EXCEPT KV-27S36)
C515	1-106-343-00		0.001MF	10%	100V					
C516	1-115-461-11	FILM	2MF	5%	200V	C1240	1-126-960-11	ELECT	1MF	20% 50V (EXCEPT KV-27S36)
C517	1-107-649-11	ELECT	2 2MF	20%	250V	C1241	1-136-161-00	FII M	0 047MF	5% 50V
C518	1-106-395-00		0 15MF	10%	200V	V12-11	. 100 101 00	T ILLIN		26/29RS26/29RS26C)
C519	1-162-815-11		47PF	5%	500V	C1242	1-126-960-11	EI ECT	1MF	20% 50V
C520	1-164-646-11	-	2200PF	10%	500V 500V	01242	1-120-300-11	ELECT		
C521		CERAMIC CHIP	0.0022MF		50V 50V	01040	1 100 000 11	CI COT	-	26/29RS26/29RS26C)
0021	1-104-101-11	CERAIVIIC OFF	V.UUZZIVIF	10%	30V	C1243	1-126-960-11	ELECI	1MF (KV-27S2	20% 50V 26/29RS26/29RS26C)
C522	1-126-960-11	ELECT	1MF	20%	50V				(· · · · · · · · · · · · · · · · · · ·
C525	1-102-244-00	CERAMIC	220PF	10%	500V	C1244	1-126-959-11	ELECT	0 47MF	20% 50V
	1-107-662-11		22MF	20%	250V	C1245	1-126-959-11		0 47MF	20% 50V
	1-162-116-00		680PF	10%	2KV	C1261	1-126-967-11		47MF	20% 16V
C528		CERAMIC CHIP	0 0022MF	10%		01201	1-120-307-11	LLLUI	77 1711	(EXCEPT KV-27S36)
0020	1-104-101-11	OLI IAMIO OLIII	0 00221111	10/0	307	C1262	1-126-967-11	ELECT	47845	
C529	1-128-551-11	ELECT	OOME	000/	051/	01202	1-120-90/-11	ELECT	47MF	20% 16V
			22MF	20%	25V	04000	4 400 000 44	FLEAT	44.00	(EXCEPT KV-27S36)
	1-137-366-11		0 0022MF	5%	50V	C1263	1-126-960-11	ELECT	1MF	20% 50V
	1-126-965-11		22MF	20%	50V					(EXCEPT KV-27S36)
	1-126-965-11		22MF	20%	50V					
C537	1-126-941-11	ELECT	470MF	20%	25V	C1264	1-126-960-11	ELECT	1MF	20% 50V (EXCEPT KV-27S36)
C539 A	1-126-935-11	FLECT	470MF	20%	16V	C1265	1-136-165-00	FII M	0 1MF	5% 50V
C540	1-123-024-21		33MF	₩ 4 /N	160V	01200	1-100-100-00	I ILIVI	O 13411	(EXCEPT KV-27S36)
	1-128-560-11		22MF	20%		C1066	1 100 007 11	ELECT	47MF	
	1-106-387-00		0.068MF			G1200	1-126-967-11	ELECT	4/ IVIT	20% 16V
				10%		04.007	4 400 404 00	EU M	0.047845	(EXCEPT KV-27S36)
C346	1-106-343-00	MILAN	0.001MF	10%	1000	C1267	1-136-161-00	FILM	0.047MF	5% 50V (EXCEPT KV-27S36)
C547	1-106-343-00	MYLAR	0.001MF	10%	100V	C1268	1-126-960-11	ELECT	1MF	20% 50V
	1-163-037-11	CERAMIC CHIP	0.022MF	10%					*****	(EXCEPT KV-27S36)
	1-126-967-11		47MF	20%						(
	1-126-923-11		220MF	20%		C1269	1-126-960-11	FLECT	1MF	20% 50V
	1-126-960-11		1MF		50V	01200	1-120-300-11	LLLOI	11411	
0304	1-120-300-11	LLLOI	11441.	20 70	304	C1270	1-164-232-11	CERAMIC CHIP	0.01MF	(EXCEPT KV-27S36) 10% 50V
C565	1-126-969-11	FLECT	220MF	20%	501/	01210	1-104-202-11	OLI MINIO OTTIF	0.011411	
	1-126-964-11		10MF	20%		C1000	1 100 051 11	CEDAMIC CUID	100DE	(EXCEPT KV-27S36)
						C1293	1-103-231-11	CERAMIC CHIP	100PF	5% 50V
	1-136-169-00		0.22MF	5%	50V	040=	4 400 054 44	OFD4140 0115	40005	(EXCEPT KV-27S36)
	1-104-664-11		47MF	20%		C1351		CERAMIC CHIP	100PF	5% 50V
C1002	1-126-964-11	ELECI	10MF	20%	50V	C1352	1-126-933-11	ELECT	100MF	20% 16V
C1101	1-126-768-11	ELECT	2200MF	20%	_{16V}	C1353	1-163-037-11	CERAMIC CHIP	0.022MF	10% 50V
	1-126-965-11		22MF	20%		C1354		CONDUCTOR, CHIP	(2012)	
	1-126-967-11		47MF	20%			1-126-959-11	•	0 47MF	20% 50V
	1-126-967-11		47MF	20%			1-126-964-11		10MF	20% 50V
	1-126-964-11		10MF	20%			1-126-959-11		0.47MF	
01100	1-120-304-11	LLLUI	I OIAII.	ZU 70	JUV 1	01400	1-140-303-11	ELEUI	V.47 IVIT	20% 50V

D368

D462

8-719-991-33 DIODE 1SS133T-77 (KV-27S26/27S36/29RS26/29RS26C)

8-719-991-33 DIODE 1SS133T-77

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:



REF.NO.	PART NO.	DESCRIPTION		RE	MARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C1404	1 165 210 11	CERAMIC CHIP	0.1MF		50V	D501	9 710 100 90	DIODE RD5 6ESB2	
C1404		CERAMIC CHIP	0.1MF		50V 50V	D502		DIODE ERC06-15S	
C1406 C1407		CERAMIC CHIP	0.1MF		50V	D503		DIODE ERCO6-15S	
C1407		CERAMIC CHIP	0 1MF 0 0022MF	400/	50V	D504	6-719-900-20	DIODE ERD29-08J	
U1400	1-104-101-11	CERAMIC CHIP	U UUZZIVIF	1070	50 V	D505	9 710 009 09	DIODE GP08D	
C1409	1_164_161_11	CERAMIC CHIP	0 0022MF	10%	50V	D505		DIODE GP08D	
C1410		CERAMIC CHIP	0.0022MF	10%		D507		DIODE 188133T-77	
C1411		CERAMIC CHIP		10%	50V	D515	8-719-302-43		
C1412	1-126-961-11		2.2MF	20%	50V	D516		DIODE 1SS133T-77	
C1413	1-126-961-11		2 2MF	20%]	0 1 10 001 00	5.052 100.001 77	
•••••						D518	8-719-991-33	DIODE 1SS133T-77	
C1414	1-164-489-11	CERAMIC CHIP	0 22MF	10%	16V	D519 A	8-719-302-43	DIODE EL1Z	
C1415	1-126-965-11		22MF	20%	50V	D520		DIODE 1SS133T-77	
C1416	1-126-933-11	ELECT	100MF	20%	16V	D521	8-719-921-63	DIODE MTZJ-7 5B	
C1417	1-126-767-11	ELECT	1000MF	20%		D530	8-719-979-85	DIODE EGP20G	
C1420	1-164-005-11	CERAMIC CHIP	0 47MF		25V	ł			
						D531	8-719-979-85	DIODE EGP20G	
	FILTER BLO	<u>CK</u>				D534	8-719-302-43	DIODE EL1Z	
						D561	8-719-908-03	DIODE GP08D	
CM305	1-473-548-11	FILTER BLOCK, CO	MB			D562	8-719-991-33	DIODE 1SS133T-77	
		(KV-27S22/	29RS22/29R	S22C/2	9SD2/S9PS2)	D1102	8-719-982-24	DIODE MTZJ-33A	
	CONNECTO	Ð				D1103	8-719-109-89	DIODE RD5 6ESB2	
	OUNTEDIO	11				D1247)B (EXCEPT KV-27S36)
CN270	1-573-298-11	CONNECTOR, BOAR	D TO BOARD	20P (I	(V-27S36)	D1248		DIODE MTZJ-T-77-3	
		CONNECTOR, BOAR		•	•	D1261			B (EXCEPT KV-27S36)
		PLUG, CONNECTOR				D1262			B (EXCEPT KV-27S36)
		PLUG, CONNECTOR							,
		CONNECTOR PIN (D'				D1263	8-719-110-17	DIODE RD10ESB2	
						D1264	8-719-110-17	DIODE RD10ESB2	
		PLUG, CONNECTOR							
		CONNECTOR, BOAR			(V-27S36)	}	FERRITE BE	<u>EAD</u>	
		CONNECTOR, BOAR) 11P					
		PLUG, CONNECTOR				FB501		FERRITE BEAD INDU	
CN3001	1-573-298-11	CONNECTOR, BOAR				FB502		FERRITE BEAD INDU	
		(KV	<i>-2</i> 7\$26/27\$3	36/29R	S26/29RS26C)	FB503	1-410-397-21	FERRITE BEAD INDU	ICTOR 1 1UH
	DIODE						<u>IC</u>		
D001	8_710_001_22	DIODE 1SS133T-77				IC001	8.752.880.89	IC CXP85840-002S	
D001		DIODE RD5 6ESB2				IC001		IC ST24C02FM6TR	
D002		DIODE 1S\$133T-77				IC002		HYB IC SBX1981-51	
D004		DIODE RD10ESB2				IC351		IC CXA2025AS	
D005		DIODE 1SS133T-77				IC461	8-759-980-43		
5000	0 1 10 001 00	31032 100100111							
D006	1-810-039-31					IC501		IC NJM2903M	
D011	•	DIODE MTZJ-T-77-3.	9			IC561	8-759-980-58		
D013		DIODE 1SS133T-77							S26/27S36/29RS26/29RS26C)
D014		DIODE 1SS133T-77				IC1261	8-759-366-77	IC MM1311AD	1000000 (0000000 0 100000 0 10000 0 10000 0 10000 0 10000 0 10000 0 10000 0 10000 0 10
D015	8-719-991-33	DIODE 1SS133T-77				Į.		(KV-27S22/	(29RS22/29RS22C/29SD2/29PS2)
D353	8-719-991-33	DIODE 1SS133T-77				IC1261	8-759-366-78	IC MM1313AD (KV-	27S26/29RS26/29RS26C)
D356		DIODE 1SS133T-77						IC BH3856FS-E2	•
D360		DIODE RD10ESB2				I.		IC UPC4558G2	
D362		DIODE 1SS133T-77				1			
Doco	0.740.004.00	DIODE 100100T 77 M	A I 07000 I070	ocanone.	ne innonchers	1			



Note: The components identified by shading and mark ∆ are critical for safety Replace only with part number specified

Note:

REF.NO	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	and a financial control of contro	RE	MARK
1141,1114		DEGOTION HON	<u></u>	<u> </u>					
	JACK		•		TRANSISTO	<u> </u>			
J1232	1-774-749-11	JACK BLOCK, PIN 3		Q001		TRANSISTOR 2SA11			
14000	4 774 754 44		29RS22/29RS22C/29SD2/29PS2)	Q002		TRANSISTOR 2SD60			
J1232	1-//4-/51-11	TERMINAL BLOCK,	5 3P (KV-27S26/29RS26/29RS26C)	Q003 Q004		TRANSISTOR 2SD60 TRANSISTOR 2SA11			
J1233	1-774-749-11	JACK BLOCK, PIN 3	P (KV-27S26/29RS26/29RS26C)	Q010		TRANSISTOR 2SD60			
J1234	1-774-750-11	JACK BLOCK, PIN 2	2P (EXCEPT KV-26S36)						
				Q011		TRANSISTOR 2SD60			
	CHIP COND	NICTOR		Q012 Q013		TRANSISTOR 2SD60 TRANSISTOR 2SD60			
	OHIP COND	JOCTON		Q014		TRANSISTOR 2SD60			
JR001	1-216-295-91	CONDUCTOR, CHIP	· · ·	Q015		TRANSISTOR 2SD60			
JR163			(2012)	0040	0.700.400.07	TRANSISTOR SORS	44.0		
JR240 JR351		CONDUCTOR, CHIP		Q016 Q017		TRANSISTOR 2SD60 TRANSISTOR 2SA11			
011001	1-210-230-31	·	29RS22/29RS22C/29SD2/29PS2)	Q301		TRANSISTOR 2SA11			
JR352	1-216-295-91	CONDUCTOR, CHIP	•	Q302	8-729-216-22	TRANSISTOR 2SA11	62-G		
		(KV-27S22/2	9RS22/29RS22C/29SD2/29PS2)	Q303	8-729-216-22	TRANSISTOR 2SA11	62-G		
JR501	1_216_205_01	CONDUCTOR, CHIP	(2012)	Q354	8_720_422_27	TRANSISTOR 2SD60	14-0		
		CONDUCTOR, CHIP	· · ·	Q356		TRANSISTOR 2SA11			
		(KV-27S22/2	9RS22/29RS22C/29SD2/29PS2)	Q358		TRANSISTOR 2SD60			
		CONDUCTOR, CHIP	(2012)	Q461		TRANSISTOR 2SD60			
		CONDUCTOR, CHIP CONDUCTOR, CHIP	(2012) (2012)	Q462	8-729-216-22	TRANSISTOR 2SA11	62-G		
0114101	1-210-200-01	CONDOCTOR, OTH	(2012)	Q501	8-729-140-50	TRANSISTOR 2SC32	09LK		
		CONDUCTOR, CHIP	(2012)			TRANSISTOR 2SC49			
		CONDUCTOR, CHIP	(2012)			TRANSISTOR 2SD60			
		CONDUCTOR, CHIP CONDUCTOR, CHIP	(2012) (2012)	Q512 A Q551	1.4	TRANSISTOR 2SC41 TRANSISTOR 2SA11			
		CONDUCTOR, CHIP	(2012)	Q 001	0-123-210-22	THANGIOTOTI ZOATT	02-G		
		,		Q552		TRANSISTOR 2SD60			
	COIL		İ	Q561		TRANSISTOR 2SD60			
L001	1-408-421-00	INDLICTOR	100UH	Q562 Q563		TRANSISTOR 2SD60 TRANSISTOR 2SA13			
L002	1-408-421-00		100UH	Q1102		TRANSISTOR 2SC27			
L003	1-410-470-11	INDUCTOR	10UH	•					
L004	1-410-470-11		10UH	Q1103		TRANSISTOR 2SD60			
L352	1-412-537-31	INDUCTOR	100UH	Q1231 Q1232		TRANSISTOR 2SD60 TRANSISTOR 2SD60			
L461	1-408-408-00	INDUCTOR	8 2UH	Q1261		TRANSISTOR 2SB70		(EXCEP	T KV-27S36)
L501 A	1-409-861-11	COIL, HORIZONTAL I		Q1262		TRANSISTOR 2SB70		•	•
L502	1-412-552-11		2 2MMH	Q1263	8-729-422-27	TRANSISTOR 2SB70	9A-QRS-TX	EXCEP	T KV-27S36)
<u> </u>		COIL, CHOKE	10MMH 15MMH		RESISTOR				
LOTT	1-400-007-11	OOIL, OHONE	1 OMINAL I		<u>neolo l'On</u>				
L517	1-412-552-11	INDUCTOR	2 2MMH	R001	1-216-045-00	METAL GLAZE	680	5%	1/10W
L1101	1-408-421-00		100UH	R002	1-247-815-91		220	5%	1/4W
L1102 L1401	1-410-470-11 1-410-494-11		10UH 1MMH	R003 R004		METAL GLAZE METAL GLAZE	100K 1M		1/10W 1/10W
E17VI	("TIV" TOT"			R005	1-247-815-91		220	5%	1/4W
	IC LINK		Ì						
50.40- ·	4 865 864 4-	1 100/ 10 01 100/		R006	1-247-815-91	CARBON	220	5%	1/4W
45461 A	1-002-984-11	LINK, IC 2A/90V	l	R007	1_016_079_00	METAL GLAZE	10K	5%	(KV-27S36) 1/10W
				R008	1-247-815-91		220	5%	1/10W
									(KV-27S36)

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Note: #



RI	EF.NO.	PART NO	DESCRIPTION		<u>R</u>	<u>EMARK</u>	REF.NO.	PART NO.	DESCRIPTION		B	EMARK
RO	009	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R059	1-216-047-91	METAL GLAZE	820	5%	1/10W
)10		METAL GLAZE	330	5%	1/10W	R060		METAL GLAZE	1K	5%	1/10W
RO			METAL GLAZE	4 7K	5%	1/10W	1					
							R061		METAL GLAZE	1 8K	5%	1/10W
KU)12	1-216-033-00	METAL GLAZE	220	5%	1/10W	R062		METAL GLAZE	4 7K	5%	1/10W
				(KV-27S26/27S3		•	R063	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R0)13	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W						
							R064	1-247-815-91	CARBON	220	5%	1/4W
R0	14	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W	R065	1-247-815-91	CARBON	220	5%	1/4W
RO			METAL GLAZE	10K	5%	1/10W	R066	1-247-815-91		220	5%	1/4W
RO			METAL GLAZE	10K	5%	1/10W	R067	1-249-413-11		470	5%	1/4W
							l l			-		
R0		1-249-425-11		4 7K	5%	1/4W	R068	1-247-815-91	CARBON	220	5%	1/4W
R0	120	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W						
							R069	1-247-815-91	CARBON	220	5%	1/4W
R0	23	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R070	1-247-815-91	CARBON	220	5%	1/4W
R0	25	1-163-010-11	CERAMIC CHIP	0 0012MF	10%	50V	R071	1-216-057-00	METAL GLAZE	2 2K	5%	1/10W
R0	26	1-163-038-91	CERAMIC CHIP	0 1MF		25V	R072		METAL GLAZE	220	5%	1/10W
R0		1-249-417-11		1K	5%	1/4W	R073		METAL GLAZE	220	5%	1/10W
R0			METAL GLAZE	100	5%	1/10W	NO/ S	1-210-000-00	WILIAL GLAZE	220	J /0	17 1044
ΠU	23	1-210-025-51	METAL GLAZE	100	J 70	1/ 1044	Dam.	4 040 000 00			=0/	4 (4 6) 1 (
							R074		METAL GLAZE	220	5%	1/10W
R0		1-249-425-11		4 7K	5%	1/4W	R075	1-216-033-00	METAL GLAZE	220	5%	1/10W
R0	31	1-247-815-91	CARBON	220	5%	1/4W	R076	1-216-033-00	METAL GLAZE	220	5%	1/10W
						(KV-27S36)	R077	1-216-033-00	METAL GLAZE	220	5%	1/10W
R0	32	1-247-815-91	CARBON	220	5%	1/4W	R078	1-249-417-11		1K	5%	1/4W
R0		1-247-815-91		220	5%	1/4W	11070	1 240 411 11	O/ II IDON	111	0 /0	17-11-1
R0		1-247-815-91		220	5%	1/4W	R079	1 016 000 00	METAL GLAZE	220	5%	1/10W
no	00	1-247-013-31	OANDON	220	J /0	1/411						
-	••			417	=0/	4 /4 01 14	R080		METAL GLAZE	4 7K	5%	1/10W
R0			METAL GLAZE	1K	5%	1/10W	R081		METAL GLAZE	100	5%	1/10W
R0		1-216-049-91	METAL GLAZE	1K	5%	1/10W	R082	1-216-025-91	METAL GLAZE	100	5%	1/10W
R0	38	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R083	1-249-429-11	CARBON	10K	5%	1/4W
R0	39	1-247-807-31	CARBON	100	5%	1/4W						
R0	40	1-247-815-91	CARBON	220	5%	1/4W	R084	1-216-049-91	METAL GLAZE	1K	5%	1/10W
						(KV-27S36)	R087	1-247-815-91		220	5%	1/4W
						(114 21 000)	R090		METAL GLAZE	220	5%	1/10W
R0	44	1 016 066 00	METAL GLAZE	4 71/	5%	1/10W	nusu	1-210-033-00	METAL GLAZE	220	370	
ΝU	41	1-210-000-00	METAL GLAZE	4 7K	J70							(KV-27S36)
						(KV-27S36)	R092	1-249-429-11		10K	5%	1/4W
R0	42	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W	R097	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W
						(KV-27S36)	1					
R0	43	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R099	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W
						(KV-27S36)	R131		METAL GLAZE	270	5%	1/10W
R0	44	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R132		METAL GLAZE	560K	5%	1/10W
R0		1-247-815-91		220	5%	1/4W	R133		METAL GLAZE	390	5%	1/10W
110	70	1-2-77-010-01	CATIBOTT	220	U /0							
						(KV-27S36)	R135	1-216-0/3-00	METAL GLAZE	10K	5%	1/10W
R0	146	1-247-815-91	CARBON	220	5%	1/4W	R136	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R0	47	1-249-417-11	CARBON	1K	5%	1/4W	R137	1-216-033-00	METAL GLAZE	220	5%	1/10W
R0	48	1-249-417-11	CARBON	1K	5%	1/4W	R311	1-216-295-01	CONDUCTOR CH	IIP (2012)	(EXC	PT KV-27S36)
R0	49	1-249-417-11	CARBON	1K	5%	1/4W	R312		METAL GLAZE	`1K	•	1/10W
R0		1-247-815-91		220	5%	1/4W	1.012	1 210 010 01		•••		EPT KV-27S36)
	•••	1 247 070 01	O/IIIDOI1	LLV	V / U	(KV-27S36)	Data	1 016 006 01	CONDUCTOR CL	JID (2012)	•	•
						(10-21-300)	R313	1-210-290-91	CONDUCTOR CH	117 (2012)	(EACE	EPT KV-27S36)
-		4 047 045 04	CARRON	000	=0/	4 (11)	1					
R0		1-247-815-91		220	5%	1/4W	R314	1-216-049-91	METAL GLAZE	1K		1/10W
R0			METAL GLAZE	3 3K	5%	1/10W					(EXC	EPT KV-27\$36)
R0	154	1-216-061-00	METAL GLAZE	3 3K	5%	1/10W	R353	1-208-786-11	METAL GLAZE	1 5K	0 509	% 1/10W
R0	55	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R354	1-216-077-00	METAL GLAZE	15K	5%	1/10W
	56	1-216-033-00	METAL GLAZE	220	5%	1/10W	R355		METAL GLAZE	220	5%	1/10W
•	-						R356		METAL GLAZE	220	5%	1/10W
חם	57	1-249-417-11	CARRON	1K	5%	1/4W	HOUG	1-510-000-00	HILIAL GLAZE	220	J /0	1/1011
							Boso	1 047 047 04	CADDON	000	F0/	4 / 413/
ΚÜ)58	1-210-033-00	METAL GLAZE	220	5%	1/10W	R358	1-247-815-91	CARRON	220	5%	1/4W
							•			(KV-2/\$26/27	536/29F	IS26/29RS26C)
						_						



 Note:

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REF.NO.	PART NO.	DESCRIPTION		В	EMARK		REF.NO.	PART NO.	DESCRIPTION			E	EMAF	<u>K</u>
R359	1-247-815-91	CARBON	220	5%	1/4W	ı	R476	1-249-430-11	CARBON		12K	5%	1/4	W
			(KV-27S26/27				R477	1-249-398-11			27	5%	1/4	
R360	1-247-815-91	CARBON	220	5%	1/4W	1	R478	1-249-418-11			1.2K	5%		WF
					S26/29RS26C)	1	R479	1-249-418-11			1.2K	5%		WF
R361	1-216-025-91	METAL GLAZE	100	5%	1/10W	1	R480	1-249-385-11			2.2	5%		WF
R362		METAL GLAZE	100	5%	1/10W	1			4. 2			• • • •	•••	
R363		METAL GLAZE	100	5%	1/10W		R481	1-249-385-11	CARRON		22	5%	1/4	WF
1.000	1 210 020 01	WEITE OF EL	100	0,0	171011		R482	1-249-421-11			2.2K	5%	1/4	
R364	1-216-101-00	METAL GLAZE	150K	5%	1/10W	1	R483	1-249-421-11			2.2K	5%	1/4	
R365		METAL GLAZE	150K	5%	1/10W	1	R501		METAL GLAZE		330	5%	1/1	
R366		METAL GLAZE	47K	5%	1/10W	1	R502		METAL GLAZE		3.3K	5%	1/1	
R367		METAL GLAZE	100K	5%	1/10W		11002	1-210-001-00	MILIAL GLAZE		0.01	3 /0	.,,	.,,
R368	1-249-441-11		100K	5% 5%	1/4W	1	R503	1-249-426-11	CADDON		5.6K	5%	1//	WF
nouo	1-243-441-11	CANDON	TOOK	3 70	1/444	1			METAL OXIDE		1.5K	5%	• • • •	F
R369	1 016 007 01	METAL GLAZE	100K	5%	1/10W	1	R505	1-249-431-11			15K	5%	1/4	
R372			470K	5% 5%	1/10W	1	R506		METAL OXIDE		47	5% 5%		F
R373		METAL GLAZE	470K 10K		1/10W 1/10W	1	R507	1-219-661-00			47	5% 5%	1/4	
		METAL GLAZE		5%		ı	noui	1-249-401-11	CARDON		41	370	1/4	**
R374		METAL GLAZE	1.5M	5%	1/10W	ļ	DE00	1 040 407 44	CARRON		c ov	e 0(4 ! 4	
R375	1-210-020-91	METAL GLAZE	100	5%	1/10W	1	R508	1-249-427-11			6 8K	5%	1/4	
D070	4 040 070 00	145741 01 475	401/	50 /	4 (4 (0)))	ı	R509	1-247-750-11	111 -		680	5%		WF
R376		METAL GLAZE	10K	5%	1/10W				METAL OXIDE		33	5%	1W	
R379		METAL GLAZE	220	5%	1/10W	İ	19 200	F 1.7	METAL OXIDE		56	5%	2W	
R380	1-247-815-91		220	5%	1/4W		R512 A	1-216-450-00	METAL OXIDE		82	5%	2W	F
R381	1-247-815-91		220	5%	1/4W	1								_
R382	1-216-033-00	METAL GLAZE	220	5%	1/10W	1	R513		METAL OXIDE		0.68	5%		F
							R515		METAL GLAZE		27K	5%	1/1	
R383		METAL GLAZE	1K	5%	1/10W		R516		METAL GLAZE		2 2K	5%	1/1	
R384		METAL GLAZE	330K	5%	1/10W	1	R517	1-249-415-11			680	5%	1/4	
R385	1-249-422-11		2.7K	5%	1/4W		R518	1-216-073-00	METAL GLAZE		10K	5%	1/1	0W
R386	1-216-049-91	METAL GLAZE	1K	5%	1/10W	1								
			(KV-27S26/27		•		R519	1-249-411-11			330	5%	1/4	
R387	1-216-049-91	METAL GLAZE	1K	5%	1/10W	1	R523		METAL GLAZE		10K	5%	1/1	
							R524	1-249-429-11			10K	5%	1/4	
R388		METAL GLAZE	47K	5%	1/10W		R525		METAL GLAZE		8 2K	5%	1/1	
R389		METAL GLAZE	5.6K	5%	1/10W	i	R528	1-216-081-00	METAL GLAZE		22K	5%	1/1	OW
R390		METAL GLAZE	270	5%	1/10W									
R391	1-208-810-11	METAL GLAZE	15K		6 1/10W		R529		METAL GLAZE		22K		% 1/1	
R392	1-216-025-91	METAL GLAZE	100	5%	1/10W	B	R530 A	- 1 B.	METAL GLAZE	1 16		UM L= r	1/1	
							R531 A		METAL GLAZE				. 1/1	OW
R393	1-216-043-91	METAL GLAZE	560	5%	1/10W	1	R532	1-208-760-11	METAL GLAZE		120	0 50	% 1/1	0W
R394	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	1	R533 A	1-215-902-11	METAL OXIDE	- /	47K	5%	1W	F
R395	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W		*							
R397	1-249-425-11	CARBON	4.7K	5%	1/4W	ı	R535	1-216-101-00	METAL GLAZE		150K	5%	1/1	0W
R461	1-216-065-00	METAL GLAZE	47K	5%	1/10W		R536 △	1-260-288-11	CARBON		0.47	5%	- 1/2	W ,
						İ	R537 A	1-260-288-11	CARBON		0.47	5%,	1/2	W
R462	1-216-089-91	METAL GLAZE	47K	5%	1/10W	1	R538	1-247-887-00	CARBON		220K	5%	1/4	
R463	1-249-435-11	CARBON	33K	5%	1/4W	1	R543	1-249-377-11	CARBON		0.47	5%	1/4	WF
R464	1-216-097-91	METAL GLAZE	100K	5%	1/10W	1								
R465	1-249-413-11		470	5%	1/4W	1	R546	1-215-456-00	METAL		30K	1%	1/4	W
R466	1-249-388-11		3.9	5%	1/4W F		R547	1-215-457-00			33K	1%	1/4	
				• • • •		1	R549	1-215-437-00			4.7K	1%	1/4	
R467	1-216-069-00	METAL GLAZE	6 8K	5%	1/10W			1-249-377-11		, .	0.47	″ 5%		WF
R469		METAL GLAZE	6.8K	5%	1/10W		R551	1107 1-4	METAL OXIDE		47K	5%		F
R471		METAL GLAZE	6.8K	5%	1/10W	Į						4 ,0	•••	•
R472		METAL GLAZE	6.8K	5%	1/10W	1	R552	1-216-069-00	METAL GLAZE		6 8K	5%	1/1	0W
	. = 10 000 00	······································	41417	5,0	.,			1-249-377-11			0.47	5%		WF
R473	1-249-398-11	CARRON	27	5%	1/4W		R554		METAL GLAZE		2 2K	5%	1/1	
R475	1-249-430-11		12K	5%	1/4W	1	R561		METAL GLAZE		10K	5%	1/1	
11410	1	JAN IDON	1611	U /U	11711	1	11001	. =10-010-00				J /0	** 1	

The components identified by shading and mark \(\Delta\) are critical for safety Replace only with part number specified

Note:



REF.NO.	PART NO	DESCRIPTION		<u>R</u>	EMARK	REF.NO.	PART NO.	DESCRIPTION		<u>REMARK</u>	
	1-216-351-00		1.5	5%	1W F	R1234	1-249-441-11	CARBON	100K	5% 1/4W	101
	1-249-392-11 1-215-890-11	METAL OXIDE	8 2 470	5% 5%	1/4W 2W F	R1240	1-216-022-00	METAL GLAZE	75	(EXCEPT KV-27S3 5% 1/10W	-
R566		METAL GLAZE	10K	5%	1/10W	D4044	1 010 000 00	· ·		S36/29RS26/29RS26	C)
noo/ A	. 1-249-385-11	CARBON	2.2	5%	1/4W F	R1241	1-216-022-00		75 KV-27S26/27	5% 1/10W S36/29R\$26/29R\$26	C)
R568	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1242	1-216-065-00		47K	5% 1/10W	Ψ,
R569		METAL GLAZE	10K	5%	1/10W			(KV-27S26/27	S36/29RS26/29RS26	C)
R570		METAL GLAZE	100K	5%	1/10W						
R571		METAL GLAZE	22K	5%	1/10W	R1243	1-249-441-11	CARBON	100K	5% 1/4W	
R572	1-216-081-00	METAL GLAZE	22K	5%	1/10W	DIOAA	1 016 000 00	METAL OLAZE	75	(EXCEPT KV-27S3	6)
R573	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R1244	1-216-022-00	METAL GLAZE	75	5% 1/10W (EXCEPT KV-27S3	(6)
	1-216-365-00		0.47	5%	2W F	R1245	1-216-113-00	METAL GLAZE	470K	5% 1/10W	υ,
R575		METAL GLAZE	470K	5%	1/10W	111210	1 210 110 00	MENTE GENEL	77 011	(EXCEPT KV-27S3	6)
R576		METAL GLAZE	10K	5%	1/10W	R1246	1-216-065-00	METAL GLAZE	4 7K	5% 1/10W	٠,
R577	1-216-097-91	METAL GLAZE	100K	5%	1/10W					(EXCEPT KV-27S3	6)
						R1247	1-216-113-00	METAL GLAZE	470K	5% 1/10W	•
R578		METAL GLAZE	1 2K		6 1/10W					(EXCEPT KV-27S3	6)
R579		METAL GLAZE	330K		6 1/10W						
R580	1-249-441-11		100K	5%	1/4W	R1248	1-216-065-00	METAL GLAZE	4 7K	5% 1/10W	
R1001	1-247-807-31	CARBON	100	5% /27026	1/4W	D1040	1 016 000 00	METAL CLAZE	76	(EXCEPT KV-27S3	6)
R1002	1-247-807-31	CARRON	100	1213301 5%	/29RS26/29RS26C) 1/4W	R1249	1-216-022-00	METAL GLAZE	75	5% 1/10W (EXCEPT KV-27S3	(6)
111002	1-2-17-007-01	OALIDON			/29R\$26/29R\$26C)	R1250	1-216-113-00	METAL GLAZE	470K	5% 1/10W	u,
			(*** = 1 = 2 = 2		,					S26/29RS26/29RS26	C)
R1005	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1251	1-216-065-00	METAL GLAZE	47K	5% 1/10W	,
			(KV-27S26	/27\$36/	/29RS26/29RS26C)				(KV-27)	S26/29RS26/29RS26	C)
R1009	1-216-033-00	METAL GLAZE	220	5%	1/10W	R1252	1-216-113-00	METAL GLAZE	470K	5% 1/10W	
R1010		METAL GLAZE	220	5%	1/10W				(KV-27)	S26/29RS26/29RS26	C)
R1101		METAL GLAZE	1K	5%	1/10W						
R1102	1-215-900-11	METAL OXIDE	22K	5%	2W F	R1253	1-216-065-00	METAL GLAZE	4 7K	5% 1/10W	Δ\
R1103	1 016 051 00	METAL GLAZE	1 2K	5%	1/10W	R1254	1-216-113-00	METAL GLAZE	(KV-27) 470K	S26/29RS26/29RS26	U)
R1104		METAL GLAZE	27K	5% 5%	1/10W	N1204	1-210-113-00	WEIAL GLAZE		5% 1/10W S26/29RS26/29RS26	C)
R1105		METAL GLAZE	39K	5%	1/10W	R1255	1_216_049_91	METAL GLAZE	1K	5% 1/10W	v)
R1106		METAL GLAZE	1K	5%	1/10W	111200	1 210 040 01	WEINE OF TE	111	(EXCEPT KV-27S3	6)
R1107		METAL GLAZE	4 7K	5%	1/10W	R1255	1-216-295-91	CONDUCTOR, CHI	P (2012)	(KV-27S36)	-,
						R1256		METAL GLAZE	470K	5% 1/10W	
R1108	1-216-073-00	METAL GLAZE	10K	5%	1/10W					(EXCEPT KV-27S3	6)
R1109	1-216-019-00	METAL GLAZE	56	5%	1/10W						
R1110	1-216-019-00	METAL GLAZE	56	5%	1/10W	R1257	1-216-049-91	METAL GLAZE	1K	5% 1/10W	
R1111		METAL GLAZE	56	5%	1/10W					(EXCEPT KV-27S3	6)
R1115	1-216-045-00	METAL GLAZE	680	5%	1/10W	R1258		METAL GLAZE	3 3K	5% 1/10W	
5444	4 040 40= 44		. =1.0	=0/	4 (8)	R1259		METAL GLAZE	100K	5% 1/10W	
R1117	1-249-425-11		4 7K	5%	1/4W	R1260		METAL GLAZE	3 3K	5% 1/10W	
R1118	1-249-425-11		4 7K	5%	1/4W	R1261	1-216-033-00	METAL GLAZE	220	5% 1/10W) (C)
R1120 R1121		METAL GLAZE METAL GLAZE	2 2K 270	5% 5%	1/10W 1/10W					(EXCEPT KV-27S3	,o)
R1122				5% 5%		D1060	1 016 005 01	METAL CLAZE	220	E0/. 1/10\A/	
NIIZZ	1-210-110-00	METAL GLAZE	560K	5%	1/10W	R1262	1-216-025-91	METAL GLAZE	220	5% 1/10W (EXCEPT KV-27S3	(6)
R1123	1-216-039-00	METAL GLAZE	390	5%	1/10W	R1263	1-216-033-00	METAL GLAZE	220	5% 1/10W	v j
R1125		METAL GLAZE	2 2K	5%	1/10W					S26/29RS26/29RS26	C)
R1126		METAL GLAZE	270	5%	1/10W	R1264	1-216-025-91	METAL GLAZE	100	5% 1/10W	•
R1127	1-216-115-00	METAL GLAZE	560K	5%	1/10W					(EXCEPT KV-27S3	6)
R1128	1-216-039-00	METAL GLAZE	390	5%	1/10W	R1265	1-216-033-00	METAL GLAZE	220	5% 1/10W	
									•	S26/29RS26/29RS26	C)
R1130	1-216-057-00	METAL GLAZE	2 2K	5%	1/10W	R1266	1-216-025-91	METAL GLAZE	100	5% 1/10W	· C1
					59					(EXCEPT KV-27S3	0)



Note. The components identified by shading and mark ∆ are critical for safety Replace only with part number specified

Note. 🐇

REF NO	PART NO	DESCRIPTION		RE	MARK	REF.NO.	PART NO.	DESCRIPTION		RE	MARK
R1272	1-216-025-91	···-·	100	5%	1/10W 9SD2/29PS2)	R1404	1-249-429-11	CARBON	10K	5% /EVCER	1/4W T KV-27S36)
R1273	1-216-033-00	METAL GLAZE	220	5%	1/10W 26/29RS26C)	R1407 R1408	1-216-073-00 1-249-429-11	METAL GLAZE	10K 10K	5% 5%	1/10W 1/4W
R1274	1-216-025-91	METAL GLAZE	100	5%	1/10W						(KV-27S36)
R1277	1-247-815-91	CARBON	(KV-27S2 220	5%	26/29RS26C) 1/4W	R1409	1-249-429-11		10K	5%	1/4W (KV-27\$36)
R1278	1-247-815-91	CARBON	220	•	PT KV-27\$36) 1/4W	R1411	1-216-073-00	METAL GLAZE	10K	5%	1/10W
				(EXCER	PT KV-27S36)	R1412 R1413		METAL GLAZE METAL GLAZE	22K 47K	5% 5%	1/10W 1/10W
R1280	1-216-025-91	METAL GLAZE	100	5%	1/10W	R1414		METAL GLAZE	47K	5%	1/10W
				(EXCEF	PT KV-27S36)	R1415		METAL GLAZE	100	5%	1/10W
R1282	1-216-025-91	METAL GLAZE	100		1/10W PT KV-27S36)	R1418	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R1283	1-247-791-91	CARBON	22	5%	1/4W	R1419		METAL GLAZE	47K	5%	1/10W
			(KV-27S2	6/29RS	26/29RS26C)	R1420	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R1284	1-247-807-31	CARBON	100	5%	1/4W	R1421	1-216-025-91	METAL GLAZE	100	5%	1/10W
				(EXCEP	PT KV-27S36)	R1424	1-247-807-31	CARBON	100	5%	1/4W
R1286	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R1425	1-247-807-31	CARBON	100	5%	1/4W
				(EXCER	PT KV-27S36)						
							SWITCH				
R1287	1-216-049-91	METAL GLAZE	1K	5%	1/10W						
				(EXCEF	PT KV-27S36)	S001	1-692-431-21	SWITCH, TACTILE			
R1288	1-247-807-31	CARBON	100	5%	1/4W	S002	1-692-431-21	SWITCH, TACTILE			
				(EXCEP	PT KV-27S36)	S003	1-692-431-21	SWITCH, TACTILE			
R1290	1-216-041-00	METAL GLAZE	470	5%	1/10W	S004		SWITCH, TACTILE			
				(EXCEF	PT KV-27S36).	S005	1-692-431-21	SWITCH, TACTILE			
R1291	1-216-045-00	METAL GLAZE	680	5%	1/10W			·			
				(EXCEF	PT KV-27S36)	S006	1-692-431-21	SWITCH, TACTILE			
R1292	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W	S007		SWITCH, TACTILE			
				(EXCER	PT KV-27S36)	S501		SWITCH, LEVER			
				•							
R1293	1-216-065-00	METAL GLAZE	47K	5%	1/10W		TRANSFORI	MER			
				(EXCER	PT KV-27S36)						
R1294	1-216-049-91	METAL GLAZE	1K	5%	1/10W	T501	1-437-210-11	TRANSFORMER, HO	RIZONTAL D	RIVE	
R1295	1-216-049-91	METAL GLAZE	1K	5%	1/10W	T502 ▲		TRANSFORMER, FEF			
R1296	1-216-025-91	METAL GLAZE	100	5%	1/10W			TRANSFORMER ASS			09//X4C)
					9SD2/29PS2)				.,	· V · · · · · ·	• • • • • • • • • • • • • • • • • • • •
R1297	1-216-025-91	METAL GLAZE	100		1/10W		TUNER				
		•			26/29RS26C)		1011011				
			,		,	TU102 A	8-598-340-00	TUNER BTF-WA404			
R1351	1-247-815-91	CARBON	220	5%	1/4W						
R1352	1-247-815-91		220	5%	1/4W		CRYSTAL				
R1353	1-247-815-91		220	5%	1/4W		311.011.2				
R1354		METAL GLAZE	220	5%	1/10W	X001	1-578-774-11	VIBRATOR, CRYSTAL			
R1355		METAL GLAZE	100	5%	1/10W	X353		OSCILLATOR, CRYST			
						X354		OSCILALTOR, CERAM			
R1356		METAL GLAZE	100	5%	1/10W						
R1357		METAL GLAZE	100	5%	1/10W						
R1358	1-247-807-31		100	5%	1/4W						
R1359		METAL GLAZE	100	5%	1/10W						
R1360	1-216-069-00	METAL GLAZE	6 8K	5%	1/10W						
R1361	1-216-065-00	METAL GLAZE	47K	5%	1/10W						
R1362		CONDUCTOR, CHIP	(2012)	J /0	1/1011						
R1402	1-249-429-11		10K	5%	1/4W						
111704	1-670-460-11	VALIDON	IVIX		PT KV-27S36)						
				ITVOEL	1 1(4-21000)						

The components identified by shading and mark Δ are critical for safety Replace only with part number specified

Nota:

Les composants identifies per un trame et une marque \(\Delta \) sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie



REF.NO PART NO. DESCRIPTION REMARK



- * A-1316-249-A G BOARD, COMPLETE (KV-27S22/27S26)
- * A-1316-252-A G BOARD, COMPLETE (KV-29RS22C/29RS26C)
- * A-1316-261-A G BOARD, COMPLETE (KV-27S36)
- * A-1316-296-A G BOARD, COMPLETE

(KV-29RS22/29RS26/29SD2/29PS2)

20% 50V

47MF

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

1-126-963-11 ELECT

0002	1 120 000 11 12201	7 / 1411	20 /0	001
	1-113-915-11 CERAMIC 1-136-346-21 FILM	(KV	/-29RS	22C/29RS26C)
C603 A	1-113-915-11 CERAMIC	0.001MF	20%	250V
C604 A	1-136-346-21 FILM	0.22MF	20%	125V
				(KV-27S36)
C605 A	1-136-346-21 FILM	0.22MF	20%	125V
	(KV-27\$22/27\$26/	27S36/29PS2/29	SD2/29	RS22/29RS26)
C605 A	1-136-346-21 FILM	0.22MF	20%	300V
		(KI	-29RS	22C/29RS26C)
		·		•
C606 A	1-115-388-11 ELECT 1-115-388-11 ELECT	560MF	20%	200V
C607 A	1-115-388-11 ELECT	560MF	20%	200V
C608	1-164-625-11 CERAMIC	680PF	10%	500V
	(KV-27S22/27S26/	27S36/29PS2/29	SD2/29	RS22/29RS26)
C608	1-164-645-11 CERAMIC	1000PF	10%	500V
		(KV	/-29RS	22C/29RS26C)
C609	1-136-173-00 FILM	0 47MF `	5%	50V
C610	1-136-173-00 FILM 1-136-169-00 FILM 1-136-169-00 FILM 1-164-645-11 CERAMIC	0 47MF	5%	50V
C611	1-136-169-00 FILM	0 22MF	5%	50V
C612	1-136-169-00 FILM	0 22MF	5%	50V
C613	1-164-645-11 CERAMIC	1000PF	10%	500V
C614	1-164-645-11 CERAMIC	1000PF	10%	500V
C615	1-136-759-11 FILM	0 039MF	5%	630V
C617 ∧	1-113-915-11 CERAMIC	0 001MF	20%	250V
		S26/27S22/27S36		
C626 A	1-113-897-11 CERAMIC			250V
		(K)	-29RS	22C/29RS26C)
C641	1-126-943-11 ELECT 1-126-767-11 ELECT	2200MF	20%	25V
C642	1-126-767-11 ELECT	1000MF	20%	16V
C643	1-107-641-11 ELECT 1-126-933-11 ELECT 1-128-551-11 ELECT 1-126-933-11 ELECT 1-137-366-11 FILM	220MF	20%	160V
C646	1-126-933-11 ELECT	100MF	20%	16V
C647	1-128-551-11 ELECT	22MF	20%	25V
C648	1-126-933-11 ELECT	100MF	20%	16V
C651	1-137-366-11 FILM	0 0022MF	5%	50V
C652	1-106-351-00 MYLAR 1-107-636-11 ELECT	0 0022MF	99%	200V
C653	1-107-636-11 ELECT	10MF	20%	160V
C654	1-164-625-11 CERAMIC	680PF	10%	500V
C655	1-164-625-11 CERAMIC	680PF	10%	500V
C656	1-164-625-11 CERAMIC 1-164-625-11 CERAMIC	680PF 680PF	10%	500V

REF NO.	PART NO	DESCRIPTION		RE	MARK
C657	1-164-625-11	CERAMIC	680PF	10%	500V
C661	1-126-963-11	ELECT	4 7MF	20%	50V
	(F	KV-27S26/27S22/27S3	6/29RS26/29	PS/29	SD2/29RS22)
C690	1-164-645-11	CERAMIC	1000PF	10%	500V
C691	1-164-645-11	CERAMIC	1000PF	10%	500V

CONNECTOR

CN601 * 1-508-765-00 PIN, CONNECTOR (5MM PITCH) 3P CN602 * 1-580-844-11 PIN, CONNECTOR (POWER) CN641 * 1-564-515-11 PLUG, CONNECTOR 12P

DIODE

D601	8-719-911-19 DIODE 1SS119-25
D602 △	8-719-510-53 DIODE D4SB60L
D603	8-719-911-19 DIODE 1SS119-25
D604	8-719-911-19 DIODE 1SS119-25
D605	8-719-911-19 DIODE 1SS119-25
D000	0-710-511-10 BIODE 100110-20
	0 T40 044 40 BIODE 400440 0T
D606	8-719-911-19 DIODE 1SS119-25
D607	8-719-911-19 DIODE 1SS119-25
D608	8-719-911-19 DIODE 1SS119-25
D609	8-719-911-19 DIODE 1SS119-25
D610	8-719-911-19 DIODE 1SS119-25
20.0	• •
D615	8-719-028-45 DIODE D2L20U
	0 1 10 0E0 10 D:0DE BEEE00
D641	8-719-052-40 DIODE RBA-1004B
D643	8-719-028-45 DIODE D2L20U
D644	8-719-028-45 DIODE D2L20U
D645	8-719-028-45 DIODE D2L20U
D646	8-719-510-12 DIODE D10SC4M
50.0	• · · · • • · · · · · · · · · · · · · ·
D648	8-719-057-52 DIODE EZ0150AV1
50.0	• · · · • • · · · · · · · · · · · · · ·
D648	8-719-057-52 DIODE EZ0150AV1

FUSE

F601 A 1-576-193-11 FUSE 6.3A/125V

(KV-27S26/27S22/27S36/29RS26/29PS2/29SD2/29RS22)

F601 A 1-576-193-11 FUSE 6 3A/250V (KV-29RS26C/29RS22C)

1-533-223-11 HOLDER, FUSE (for F601)

FERRITE BEAD

FB601	1-410-397-21	FERRITE BEAD INDUCTOR 1 1UH
FB602	1-410-397-21	FERRITE BEAD INDUCTOR 1 1UH
FB641	1-410-397-21 I	FERRITE BEAD INDUCTOR 1 1UH
FB642	1-410-397-21	FERRITE BEAD INDUCTOR 1 1UH
FB643	1-410-397-21 I	FERRITE BEAD INDUCTOR 1 1UH
FB644	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH
FB645	1-410-397-21	FERRITE BEAD INDUCTOR 1 1UH
FB646	1-410-397-21 I	FERRITE BEAD INDUCTOR 1 1UH
FB647	1-410-397-21 I	FERRITE BEAD INDUCTOR 1 1UH
FB648	1-410-397-21	FERRITE BEAD INDUCTOR 1 1UH



Note: The components identified by shading and mark A are critical for safety Replace only with part number specified

Note:

Les composants identifies per un trame et une marque Δ sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie

								16/4				
REF.NO.	PART NO	DESCRIPTION		RE	<u>MARK</u>		REF.NO.	PART NO	DESCRIPTION		R	<u>emark</u>
	<u>IC</u>						R641	1-247-843-11	CARRON	3 3K	5%	1/4W
	10						R642	1-247-843-11		3 3K	5%	1/4W
IC641	8-749-920-58	IC SI-3090CA					R643	1-249-387-11		33	5%	1/4W F
IC642		IC NJM78M05FA					R644 A		METAL OXIDE	22	5%	2W F
IC643	8-749-012-13							1-260-304-51	. ,	10	5%	1/2W
10040	0-743-012-10	IO DIVI-30					11040 /3	("200"00")	OMNOVII	10	-3 ***	22C/29RS26C)
	COIL						ļ				hra-cour	ezoreanazooj
							R646	1-216-369-00	METAL OXIDE	1	55	2W F
L642	1-412-529-11	INDUCTOR	22UH						(KV-27S26/27	S22/29RS26	/29PS2/29	SD2/29RS22)
L643	1-412-525-31		10UH				R647	1-249-417-11	•	1K	5%	1/4W
							R648	1-247-887-00	CARBON	220K	5%	1/4W
	TRANSISTO	R					R649	1-249-425-11	CARBON	4.7K	5%	1/4W F
							R652	1-249-421-11		2 2K	5%	1/4W
Q601 A	8-729-019-49	TRANSISTOR 2SC48	34MNP									
				PT KV-29RS	220/29	RS26C)	R659	1-249-429-11	CARBON	10K	5%	1/4W
Q601 A	8-729-019-50	TRANSISTOR 2SC46		246							(KV-29RS	322C/29RS26C)
		TRANSISTOR 2SC48					R661	1-249-413-11	CARBON	470	5%	1/4W F
and San War	*	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		PT KV-29RS	22C/29I	3S26C)	R662	1-249-429-11		10K	5%	1/4W
Q602 A	8-729-019-50	TRANSISTOR 2SC48	40.0	4 .		•		1-249-377-11		0.47	5%	1/4W F.
Q644		TRANSISTOR 2SC27		. WAT LAND	1 201 100	.00/		1-249-377-11		0.47	5%	1/4W F
QU'II	0 120 110 10	11041010101120021	00 111 2				11007 123	15210 011.1	Q78100)1	WITE	/4/4	11777 6
Q645	8-729-119-76	TRANSISTOR 2SA11	75-HFE				R665 A	1-249-377-11	CARBON .	0.47	5%	1/4W F
Q646		TRANSISTOR 2SC27						1-249-377-11		0.47		1/4W F
40.0	0 0			PT KV-29RS	:22C/29F	RS26C)		1-249-377-11		0.47	5%	1/4W F
			,			,		1-249-377-11		0.47	5%	1/4W F
	RESISTOR						1	1-249-377-11	•	0.47	5%	I/4W F
	TIEGIOTOII						100.00	,	#F# 1# = 1.	A7.14	***	
R603 ∆	1-219-776-11	CARBON	2.2M	10%	1/2W		B671 △	1-249-377-11	CARBON	0.47	5%	1/4W F
	.1	•		PTKV-29RS				1-249-377-11		0.47	5%	1/4W F
R603 △	1-247-289-00	CARBON	8.2M	5%	1W	*	R678	1-247-863-91		22K	5%	1/4W
, , , ,	-	.,,	,	(KV-29RS	4	RS2601				(EXCER	T KV-29RS	322C/29RS26C)
R605	1-247-893-11	CARBON	390K	5%	1/4W	•	R679	1-247-863-91	CARBON	22K	5%	1/4W
R606	1-247-893-11	CARBON	390K	5%	1/4W					(EXCER	T KV-29RS	322C/29RS26C)
R607 A	1-202-933-61	FUSIBLE	0.1	10%	1/2W	F				,		,
*****		4 4 4 14 4		~~~		•	R680	1-249-429-11	CARBON	10K	5%	1/4W
R608 ∧	1-216-369-00	METAL OXIDE	1	5%	2W	F						322C/29RS26C)
	1 214 400 20	14.1211 122 4211/44	•	(KV-29RS	4		R681	1-249-407-11	CARBON	150	5%	1/4W
R608 A	1-216-372-11	METAL OXIDE	1.8	e	2W		'''''	. 210 101 11	0, 11,2011			322C/29RS26C)
119900- 43	4.2016.0130.14	mere dine		PT KV-29RS						(LXQL)	T TOTAL	DEEG/EG/ IGEOG/
R609	1-247-791-91	CARRON	22	5%	1/4W	•		RELAY				
R610	1-247-791-91		22	5%	1/4W		ļ	NELAI				
		METAL OXIDE	1		2W		BV601 A	1.755.019.11	RELAY (EXCEPT)	(V.27536)	1	
11911- 23	1. E(0.000.An	ine (Ur want	•	(KV-29RS					RELAY (KV-27S36			
				**		,			, , , , , , , , , , , , , , , , , , , ,	•		
R611 ∆	1-216-372-11	METAL OXIDE	1.8	5%	2W	F		TRANSFOR	<u>MER</u>			
			(EXCE	PT KV-29RS	22C/29I	RS26C)						
R612	1-247-887-00	CARBON	220K	5%	1/4W		T601 A	1-426-717-11	TRANSFORMER,	LINE FILTER	(LFT)	
R613	1-247-887-00	CARBON	220K	5%	1/4W]			, (KV-27S26/	27522/27\$36)
R614	1-247-887-00	CARBON	220K	5%	1/4W		T602 A	1-424-220-11	TRANSFORMER,	LINE FILTER	2.5	A
R615	1-247-887-00	CARBON	220K	5%	1/4W		ļ		\$			27\$22/27\$36)
							T602 A	1-426-717-11	TRANSFORMER,	LINE FILTER	(LFT)	11
R616	1-247-791-91	CARBON	22	5%	1/4W			- #	(KV-29RS26/29PS			322C/29RS26C)
R617	1-247-791-91	CARBON	22	5%	1/4W		T603 A	1-427-864-11	TRANSFORMER,	CONVERTE	R(PRT)	
R622 ∧	1-212-958-00	FUSIBLE	10	5%	1/2W	F			TRANSFORMER,			ž
		WIREBOUND	3.9	5%	20W						. ,	
		5	1.	(KV-29RS		3S26C)	[
R623 A	1-205-943-11	WIREWOUND	1	5%	20W		1					
	- प्रत्येक के विकास		-	DT W/ WYDC		10000	ł					

(EXCEPT KV-29RS22C/29RS26C)

The components identified by shading and mark ∆ are critical for safety Replace only with part number specified

Note

Les composants identifies per un trame et une marque & sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie



REF NO. PART NO. DESCRIPTION REMARK

THERMISTOR

THP601 ▲ 1-809-539-21 THERMISTOR, POSITIVE

(EXCEPT KV-29RS26C/9RS22C)

THP601 & 1-809-827-11 THERMISTOR, POSITIVE (KV-29RS26C/9RS22C)

VARISTOR

VDR601 1-810-974-21 VARISTOR



A-1331-549-A C BOARD, MOUNTED

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C1765	1-102-116-00	CERAMIC	680PF	10%	50V
C1766	1-102-117-00	CERAMIC	820PF	10%	50V
C1767	1-102-116-00	CERAMIC	680PF	10%	50V
C1775	1-102-116-00	CERAMIC	680PF	10%	50V
C1776	1-102-117-00	CERAMIC	820PF	10%	50V
C1777	1-102-116-00	CERAMIC	680PF	10%	50V
C1785	1-102-116-00	CERAMIC	680PF	10%	50V
C1786	1-102-117-00	CERAMIC	820PF	10%	50V
C1787	1-102-116-00	CERAMIC	680PF	10%	50V
C1790	1-102-129-00	CERAMIC	0 01MF	10%	50V
C1791	1-126-933-11	ELECT	100MF	20%	16V
C1793	1-107-651-11	ELECT	4.7MF	20%	250V
C1795	1-102-074-00	CERAMIC	0 001MF	10%	50V
C1797	1-106-375-12	MYLAR	0 022MF	99%	200V
C1798	1-106-375-12	MYLAR	0.022MF	99%	200V
C1799	1-162-114-00	CERAMIC	0 0047MF		2KV

CONNECTOR

CN1761*	1-564-509-11	PLUG, CONNECTOR 6P
CN1764*	1-564-507-11	PLUG, CONNECTOR 4P
CN1765	1-695-915-11	TAB (CONTACT)
CN1766	1-695-915-11	TAB (CONTACT)

DIODE

D1761	8-719-991-33 DIODE 1SS133T-77
D1762	8-719-991-33 DIODE 1SS133T-77
D1763	8-719-991-33 DIODE 1SS133T-77
D1771	8-719-991-33 DIODE 1SS133T-77
D1772	8-719-991-33 DIODE 1SS133T-77
D1773	8-719-991-33 DIODE 1SS133T-77
D1781	8-719-991-33 DIODE 1SS133T-77
D1782	8-719-991-33 DIODE 1SS133T-77

e Ne les remplacer que par une portant le numero specifie

(ii)	allahan ang makala ng kalang kalang kal	kata annan ja hintahii ja ja kata					
	REF.NO	PART NO	DESCRIPTION		RE	<u>Mark</u>	
			DIODE 1SS133T-77				
	D1790	8-719-991-33	DIODE 1SS133T-77				
			DIODE MTZJ-T-77-3	9			
				•			
		JACK					
	J1761 A	1-251-388-11	SOCKET, CRT				
		000					
		COIL					
	L1790	1-410-667-31	INDUCTOR	22UH			
		TRANSISTO	R				
	Q1761	8-729-119-78	TRANSISTOR 2SC27	85-HFE			
	Q1762	8-729-326-11	TRANSISTOR 2SC26	11			
	Q1763	8-729-200-17	TRANSISTOR 2SA109	31-0			
	Q1771	8-729-119-78	TRANSISTOR 2SC27	85-HFE			
	Q1772	8-729-326-11	TRANSISTOR 2SC26	11			
	Q1773	8-729-200-17	TRANSISTOR 2SA109	91-0			
	Q1781	8-729-119-78	TRANSISTOR 2SC27	85-HFE			
	Q1782	8-729-326-11	TRANSISTOR 2SC26	11			
	Q1783	8-729-200-17	TRANSISTOR 2SA109	91-0			
			TRANSISTOR 2SA117				
	4						
		RESISTOR					
	R1760	1-260-105-11 1-247-807-31	CARBON	3.3K	5%	1/2W	
	R1761	1-247-807-31	CARBON	100	5%	1/4W	
	R1763	1-249-409-11	CARBON	220	5%	1/4W	F
	R1764 △	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F
	R1765	1-249-411-11	CARBON	330	5%	1/4W	
	R1766	1-249-393-11	CARBON	10	5% 5%	1/4W	
		1-249-429-11					
		1-249-411-11			5%		
		1-260-105-11			5%		
	R1771	1-247-807-31	CARBON	100	5%	1/4W	
	D4270	4 040 400 44	OARRON	000	= 0/	4 / 41 1/	_
		1-249-409-11		220	5%	1/4W	۲
				8 2K	5% 5%	3W	F
		1-249-407-11			5%	1/4W	
		1-249-393-11		10		1/4W	
	R1777	1-249-429-11	CARBON	10K	5%	1/4W	
	D4700	4 000 405 44	0.177011	0.014	=0/	4 (011)	
	H1780	1-260-105-11	CAHBON	3 3K	5%	1/2W	
	R1781	1-247-807-31 1-249-409-11	CARBON	100	5% 5%	1/4W	_
	R1783	1-249-409-11	CARBON	220	5%	1/4W	F
			METAL OXIDE				
	R1785	1-249-407-11	CARBON	150	5%	1/4W	
	D4700	4 040 000 41	OADDON	40	P0/	413141	
	K1/86	1-249-393-11	CAHRON	10	5%	1/4W	
	R1787	1-249-429-11		10K	5%		
		- 040 407 44	CARDON!	471/	=0/	4 /412/	

R1789 1-249-437-11 CARBON

R1792 1-247-815-91 CARBON

R1793 1-247-863-91 CARBON

47K

220

22K

1/4W

1/4W

5% 1/4W

5%

5%



IIV Note:

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REF.NO.	PART NO	DESCRIPTION		RE	MARK	
R1795	1-249-417-11 1-260-087-11 1-216-374-00 1-260-123-11	CARBON METAL OXIDE	1K 100 2.7 100K	5% 5% 5%	1/4W 1/2W 2W 1/2W	F



A-1390-585-A SC BOARD, MOUNTED (KV-27S36 ONLY)

CONNECTOR

CN104 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P CN105 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P



* A-1394-863-A UV BOARD, COMPLETE (KV-27S36 ONLY)

CAPACITOR

C231	1-163-031-11 CERAMIC CHIP	0 01MF		50V	
C232	1-136-161-00 FILM	0 047MF	5%	50V	
C233	1-136-161-00 FILM	0 047MF	5%	50V	
C234	1-126-960-11 ELECT	1MF	20%	50V	
C235	1-126-960-11 ELECT	1MF	20%	50V	
C236	1-136-161-00 FILM	0 047MF	5%	50V	
C237	1-126-960-11 ELECT	1MF	20%	50V	
C238	1-126-960-11 ELECT	1MF	20%	50V	
C261	1-136-161-00 FILM	0 047MF	5%	50V	
C262	1-104-664-11 ELECT	47MF	20%	25V	
C263	1-136-161-00 FILM	0 047MF	5%	50V	
C264	1-126-941-11 ELECT	470MF	20%	25V	
C265	1-104-664-11 ELECT	47MF	20%	25V	
C266	1-126-960-11 ELECT	1MF	20%	50V	
C267	1-126-960-11 ELECT	1MF	20%	50V	
C270	1-126-960-11 ELECT	1MF	20%	50V	
C271	1-126-960-11 ELECT	1MF	20%	50V	
C273	1-136-165-00 FILM	0.1MF	5%	50V	
C274	1-163-031-11 CERAMIC CHIP	0 01MF		50V	
C276	1-163-251-11 CERAMIC CHIP	100PF	5%	50V	
C301	1-126-935-11 ELECT	470MF	20%	16V	

FILTER BLOCK

CM301 1-467-554-21 FILTER BLOCK, COMB

CONNECTOR

CN261 1-573-979-21 CONNECTOR, BOARD TO BOARD 11P CN262 1-573-301-21 CONNECTOR, BOARD TO BOARD 20P CN263 * 1-564-506-11 PLUG, CONNECTOR 3P

REF.NO.	PART NO.	DESCRIPTION		REMARK
CN264	1-573-979-21 DIODE	CONNECTOR, BOAR	D TO BOARD 11	IP
D231		DIODE RD10ESB2		
D232		DIODE RD10ESB2		
D233		DIODE RD10ESB2		
D234		DIODE RD10ESB2		
D235	8-719-110-17	DIODE RD10ESB2		
D236	8-719-110-17	DIODE RD10ESB2		
D240		DIODE RD10ESB2		
D241		DIODE RD10ESB2		
D242		DIODE RD10ESB2		
D243	8-719-110-17	DIODE RD10ESB2		
D244	8-719-110-17	DIODE RD10ESB2		
D264		DIODE RD10ESB2		
D265	8-719-110-17	DIODE RD10ESB2		
	<u>IC</u>			
IC261	8-759-366-78	IC MM1313AD		
	<u>JACK</u>			
J231	1-750-515-11	TERMINAL BLOCK, S	3P	
J232	1-774-746-11	JACK BLOCK, PIN		
J233	1-774-747-11	JACK BLOCK, PIN		
	CHIP COND	UCTOR		
JR151	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR152		CONDUCTOR, CHIP		
JR201	1-216-295-91	CONDUCTOR, CHIP		
JR204	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR205		CONDUCTOR, CHIP	(2012)	
JR206	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR208	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR209	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR210	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR211		CONDUCTOR, CHIP	(2012)	
JR212	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR213	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR214	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR215		CONDUCTOR, CHIP	(2012)	
JR216		CONDUCTOR, CHIP	(2012)	
JR217	1-216-295-91	CONDUCTOR, CHIP	(2012)	
JR218		CONDUCTOR, CHIP	(2012)	
JR219		CONDUCTOR, CHIP	(2012)	
JR220		CONDUCTOR, CHIP	(2012)	
JR221		CONDUCTOR, CHIP	(2012)	
JR222	1-216-295-91	CONDUCTOR, CHIP	(2012)	
IDAAA	4 040 005 04	COMPLICATOR OUR	(004.0)	

1-216-295-91 CONDUCTOR, CHIP (2012)

JR223

The components identified by shading and mark Δ are critical for safety Replace only with part number specified

Note:



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REF.NO.	PART NO.	<u>DESCRIPTION</u>		RI	<u>EMARK</u>	ı	<u>ref.no.</u>	PART NO.	DESCRIPTION		RE	MARK
IDOOG	1 016 005 01	CONDUCTOR CHIR	(0040)				0070	1 010 041 00	METAL OLAZE	470	E0/	4 (4 ()) ()
JR226 JR228		CONDUCTOR, CHIP	(2012)				R270		METAL GLAZE	470	5%	1/10W
		CONDUCTOR, CHIP	(2012)				R271	1-249-415-11		680	5%	1/4W
JR261		CONDUCTOR, CHIP	(2012)				R272	1-249-417-11		1K	5%	1/4W
JR262	1-216-295-91	CONDUCTOR, CHIP	(2012)				R275	1-249-425-11		4 7K	5%	1/4W
							R276	1-249-425-11		47K	5%	1/4W
	JUMPER W	RE					R277	1-216-049-91	METAL GLAZE	1K	5%	1/10W
JW226	1-249-389-11	CARBON	4.7	5%	1/4W		R279	1-216-025-91	METAL GLAZE	100	5%	1/10W
JW280	1-249-385-11	CARBON	22	5%	1/4W	İ	R280	1-216-033-00	METAL GLAZE	220	5%	1/10W
						İ	R281	1-216-033-00	METAL GLAZE	220	5%	1/10W
	TRANSISTO)R				İ	R282		METAL GLAZE	100	5%	1/10W
		<u> </u>					R283		METAL GLAZE	100	5%	1/10W
Q243	8-729-216-22	TRANSISTOR 2SA116	62-G				,,,,,,				• .•	.,
Q261		TRANSISTOR 2SD601					R284	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
Q262		TRANSISTOR 2SD601					R285		METAL GLAZE	4 7K	5%	1/10W
Q263		TRANSISTOR 2SA116					R286		METAL GLAZE	1K	5%	1/10W
Q265		TRANSISTOR 2SA116	-				R288	1-247-815-91		220		1/4W
Q200	0-129-210-22	INAMOIOTON ZOATT)Z-G				R289				5% 50/	
	DECICEOR						n209	1-247-815-91	CARBON	220	5%	1/4W
	RESISTOR						D000	4 047 045 04	OARRON	000	5 0/	4100
B040	4 040 440 44	CARROLL	001/	-01	4 (1) 11		R290	1-247-815-91		220	5%	1/4W
R212	1-249-440-11		82K	5%	1/4W	l			METAL GLAZE	100	5%	1/10W
R225	1-247-815-91		220	5%	1/4W	- 1	R293		METAL GLAZE	100	5%	1/10W
R226	1-247-815-91		220	5%	1/4W				METAL GLAZE	1K	5%	1/10W
R227	1-249-440-11		82K	5%	1/4W		R301	1-249-417-11	CARBON	1K	5%	1/4W
R228	1-216-033-00	METAL GLAZE	220	5%	1/10W		D204	1 040 417 44	CADDON	417	= 0/	4 (4)41
DOO	1 010 005 01	METAL OLAZE	100	E0/	4 /4 (01)	- 1	R304	1-249-417-11	CARBON	1K	5%	1/4W
R229		METAL GLAZE	100	5%	1/10W							
R230		METAL GLAZE	220	5%	1/10W							
R231		METAL GLAZE	75	5%	1/10W							
		METAL GLAZE	75	5%	1/10W							
R233	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W							
R234	1-216-022-00	METAL GLAZE	75	5%	1/10W							
		METAL GLAZE	470K	5%	1/10W							
		METAL GLAZE	4 7K	5%	1/10W							
		METAL GLAZE	470K	5%	1/10W							
		METAL GLAZE	47K	5%	1/10W							
nzos	1-210-022-00	METAL GLAZE	75	5%	1/10W							
R240	1-216-113-00	METAL GLAZE	470K	5%	1/10W							
R241	1-216-065-00	METAL GLAZE	47K	5%	1/10W							
R242	1-216-113-00	METAL GLAZE	470K	5%	1/10W							
R243	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W							
R244	1-216-113-00	METAL GLAZE	470K	5%	1/10W							
DOAS	1 040 447 44	CARRON	41/	E0/	4 / 414/							
R245	1-249-417-11		1K	5%	1/4W							
		METAL GLAZE	470K	5%	1/10W							
	1-249-417-11		1K	5%	1/4W							
	1-247-807-31		100	5%	1/4W							
R264	1-247-815-91	CARBON	220	5%	1/4W							
R265	1-247-815-91	CARBON	220	5%	1/4W							
		METAL GLAZE	560	5%	1/10W							
	1-249-415-11		680	5%	1/4W							
		METAL GLAZE	100	5%	1/10W							
		METAL GLAZE	100	5% 5%	1/10W							
N203	1-410-040-31	MILIAL GLAZE	100	J 70	1/1044							

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REF.NO. PART NO. DESCRIPTION

REMARK

MISCELLANEOUS

- ▲ 1-406-726-81 COIL, DEMAGNETIC (KV-29RS22C/29RS26C)
- Δ 1-411-899-11 COIL, DEMAGNETIC (EXCEPT KV-29RS22C/29RS26C)

1-452-032-00 MAGNET,DISC

1-504-531-11 SPEAKER (13.1X6.2CM)

- * 1-556-945-21 CABLE, P-P (KV-27S36)
- * 1-557-056-31 CABLE, P-P (KV-27S36)
- * 4-052-905-01 V5/6 BRACKET (KV-27S36)
 - 8-598-414-00 ANTENNA SWITCH AS-2F (KV-27S36)
- △ 1-751-059-11 CORD, POWER (WITH CONNECTOR) 10A/250V

(EXCEPT KV-29RS22C/29RS26C)

△ 1-769-796-41 CORD, POWER (WITH CONNECTOR) 10A/125V

(KV-29RS22C/29RS26C)

- Δ 8-451-275-42 DEFLECTION YOKE Y28PFA
- A 8-733-848-05 CRT 29PXD (SD-268) (EXCEPT 29RS22C/29RS26C)
- A 8-733-849-05 CRT 29PXD (SD-268) (29RS22C/29RS26C)

ACCESSORIES AND PACKING MATERIALS

3-859-518-21 MANUAL, INSTRUCTION (KV-27S26/27S36)

3-859-518-23 MANUAL, INSTRUCTION (KV-27S22)

3-859-518-41 MANUAL, INSTRUCTION (29RS26/29RS26C)

3-859-518-43 MANUAL, INSTRUCTION

(KV-29RS22/29RS22C/29SD2/29PS2)

- 4-041-277-01 INDIVIDUAL CARTON (KV-27S22/27S26/27S36)
- * 4-048-944-01 INDIVIDUAL CARTON

(KV-29RS22/29RS22C/29RS26/29RS26C)

- 4-060-350-01 INDIVIDUAL CARTON (KV-29SD2)
- 4-060-351-01 INDIVIDUAL CARTON (KV-29PS2)
- * 4-041-255-01 BAG, PROTECTION
- * 4-052-382-01 CUSHION (UPPER) (ASSY)
- * 4-052-383-01 CUSHION (LOWER) (ASSY)

REMOTE COMMANDER

1-473-748-31 REMOTE COMMANDER (RM-Y135A)

(KV-27S22/29RS22/29RS22C/29SD2/29PS2)

1-473-749-31 REMOTE COMMANDER (RM-Y136A)

(KV-27S26/27S36/29RS26/29RS26C)

4-978-977-01 LID, BATTERY COVER (for RM-Y135A/136A)

NOTES:	
	
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